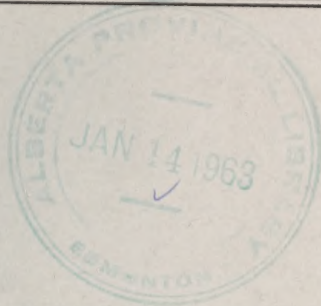
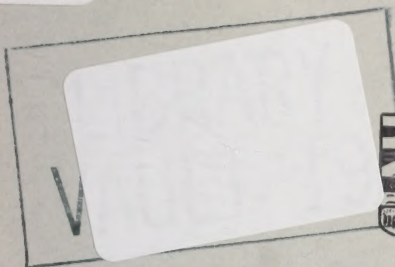


CA2 ALHT
A56
1961/1962
c.1

ALBERTA LEGISLATURE LIBRARY



3 3398 00367 7415



ANNUAL REPORT

OF THE

LL **DEPARTMENT**
OF HIGHWAYS + TRANSPORT

OF THE

PROVINCE OF ALBERTA

1961 - 62

PUBLISHED BY
ORDER OF THE LEGISLATIVE ASSEMBLY

1962
Printed by L. S. WALL, Printer to the Queen's Most Excellent Majesty
EDMONTON, ALBERTA



ANNUAL REPORT

OF THE

**DEPARTMENT
OF HIGHWAYS**

OF THE

PROVINCE OF ALBERTA

1961 - 62

PUBLISHED BY
ORDER OF THE LEGISLATIVE ASSEMBLY

1962

Printed by L. S. WALL, Printer to the Queen's Most Excellent Majesty
EDMONTON, ALBERTA

Contents

	Page
Report of Deputy Minister of Highways	7
Maintenance of Main Highways, District Highways and Local Roads, etc., Ferries Operation, etc., Wayside Camp Kitchens, Winter Works Incentive Programme, etc.	9
Main Highways Construction	32
Bridge Construction and Maintenance	51
Surveys Branch	57
Locations Branch	60
Motor Vehicles Branch	62

EDMONTON, September 1, 1962

To His Honour,

J. PERCY PAGE,

Lieutenant Governor of the Province of Alberta.

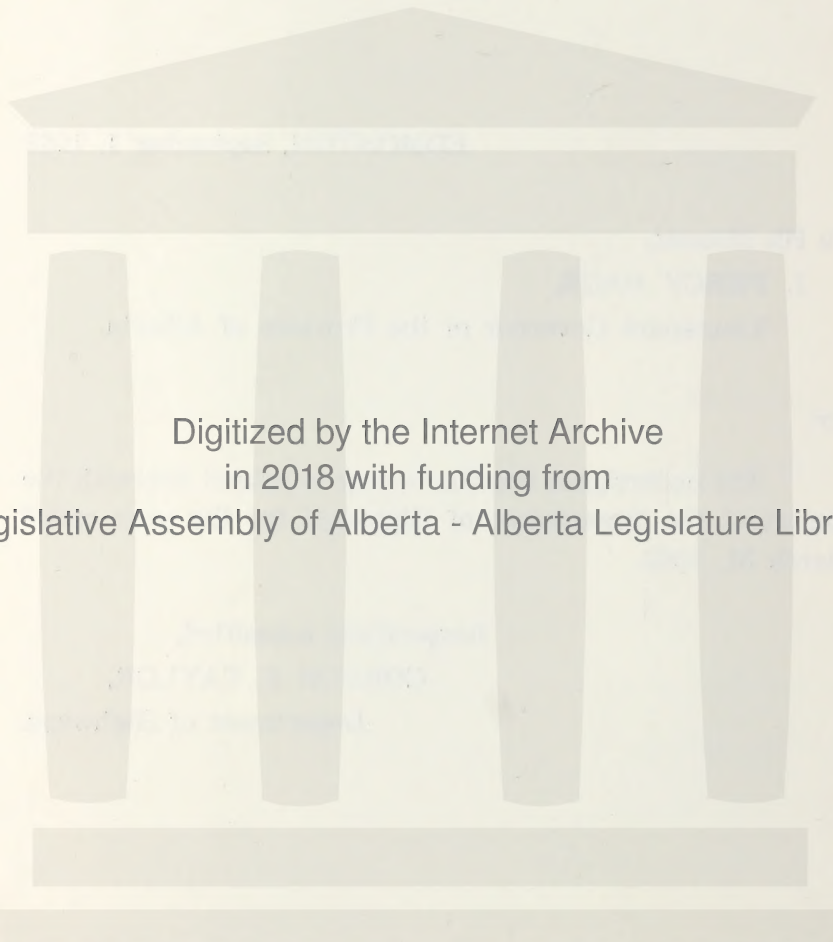
Sir:

The undersigned has the honour to submit herewith the Report of the Department of Highways for the year ended March 31, 1962.

Respectfully submitted,

GORDON E. TAYLOR,

Department of Highways.



Digitized by the Internet Archive
in 2018 with funding from
Legislative Assembly of Alberta - Alberta Legislature Library

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

**REPORT OF THE
DEPUTY MINISTER OF HIGHWAYS
For the Fiscal Year Ended March 31, 1962**

Hon. Gordon E. Taylor,
Minister of Highways.

Sir:

I have the honour to submit herewith the report covering the activities of the Department of Highways for the fiscal year ended March 31, 1962.

HIGHWAYS MAINTENANCE AND FERRIES

The mileage of main and secondary highways maintenance during the year was 6,071.70 miles. The amount of \$5,254,434.59 was expended for main and secondary highways. The sum of \$12,269,369.53 was expended for construction and maintenance of district highways, access roads to towns and villages, local roads, etc. in Improvement and Municipal Districts, Counties and Special Areas.

Expenditure to the amount of \$264,807.44 was incurred in the construction of wayside camp kitchens under a Federal-Provincial Agreement.

The sum of \$858,685.15 was expended on a Winter Works Incentive Programme, which was also under a Federal-Provincial Agreement.

There were 35 ferries operated by the Province during the season with a total expenditure on ferries operation, maintenance and replacements in the sum of \$341,527.49.

HIGHWAYS CONSTRUCTION

During the 1961-62 season a total of 327.84 miles of subgrade construction, 41.47 miles of subgrade widening, 360.47 miles were gravel surfaced, 169.02 miles of stabilized gravel base course, 58.85 miles of cement stabilized base course, 306.72 miles of asphaltic plant mix surface course, 73.42 miles of double asphaltic surface treatment, 260.57 miles of seal coat were completed, making a total of 1,598.36 miles of work done in the fiscal year.

A separate report concerning the activities of the Main Highways Construction Branch is contained herein.

BRIDGE CONSTRUCTION AND MAINTENANCE

During the fiscal year construction work proceeded on a total of 605 structures, 536 are of the standard type, 88 of these were constructed on main highways and 448 on district roads throughout the Province. The balance of 69 structures which are considered as being in the major and semi-major category include 7 grade separations, 7 overpasses or underpasses of railways and 3 large concrete arch culverts.

A total number of 309 bridges were repaired, 127 being on main highways and 182 on district roads. A separate report of the Chief Bridge Engineer is contained herein.

SURVEYS

The activities of this branch are contained in the report of the Director of Surveys shown herein.

LOCATIONS

The activities of this branch are contained in the report of the Chief Locations Engineer shown herein.

MOTOR VEHICLES BRANCH

The activities of this branch are contained in the report of the Registrar of Motor Vehicles shown herein.

Respectfully submitted,

L. H. McMANUS,

Deputy Minister of Highways.

MAINTENANCE BRANCH**DEPARTMENT OF HIGHWAYS
MAIN AND SECONDARY HIGHWAYS MAINTENANCE.**

**MAINTENANCE OF ACCESS ROADS TO TOWNS AND VILLAGES
DISTRICT HIGHWAYS AND LOCAL ROADS,
COUNTIES, MUNICIPAL DISTRICTS AND LOCAL
IMPROVEMENT DISTRICTS,
FERRIES OPERATION, MAINTENANCE,
REPLACEMENTS AND INSTALLATIONS,
WAYSIDE CAMP SITES,
WINTER WORKS INCENTIVE PROGRAMME**

J. P. CHURCH

Acting Chief Maintenance Engineer

The maintenance of main and secondary highways, the maintenance of access roads to towns and villages, the construction and maintenance of district highways and local roads in Improvement Districts, the construction and maintenance of district highways and local roads in Counties and Municipal Districts where assistance is given by grants, and the operation, maintenance and construction of ferries were carried out under the supervision of ten District Engineers and six Assistant District Engineers. The construction and maintenance of wayside camp sites was also supervised by the District Engineers.

Weather conditions during the 1961 construction season were excellent throughout the Province. The good weather permitted the completion of the programme planned for the Maintenance Branch during the season.

A long winter with heavy snow fall in the northern areas resulted in large snow removal expenditures for the maintenance of Main and Secondary Highways, and District Highways and Local Roads in Improvement Districts. Considerable sanding of highways resulted from icing of pavement surfaces during mild periods in the winter. This icing condition prevailed throughout the entire winter and increased expenditures for this type of operation.

An agreement was completed with the Federal Government to construct Wayside Camp Sites throughout the Province, the agreement effective from October 15th, 1961 to May 31st, 1962. The Federal contribution to this programme under the agreement was 50 % of the cost of the completed installation provided that 50 % of the cost was labour employed on the projects. Under this agreement 193 Camp Sites were constructed, were under construction or were improved during the fiscal year ending March 31st, 1962. This total includes Camp Sites constructed during April and May 1961, under the agreement in effect with the Federal Government for the fiscal year 1960-61.

An agreement was completed with the Federal Government to institute a Winter Works Incentive Programme to provide winter employment for seasonal employees. Work under this agreement commenced October 15th, 1961, and terminated on May 31st, 1962. A total of 41,080 man-days'

employment was provided by this programme during the fiscal year ending March 31st, 1962. This figure includes the employment created by the Winter Works Incentive Programme during April and May 1961, under the agreement in effect with the Federal Government for the fiscal year 1960-61. Approved labour costs for work undertaken under this programme were paid 50% by the Federal Government, 25% by Department of Municipal Affairs and 25% by the Department of Highways under Special Warrants, 1 and 36.

Detailed information covering expenditures for the fiscal year 1961-62 is contained in the following statements as submitted with this report:

(1) Statement showing expenditures on maintenance of Main and Secondary Highways and Access Roads to Towns and Villages:

	Gravelled	Asphalt	Total
Main Highways — miles	989.00	2,849.00	3,838.00
Secondary Highways — miles	1,490.00	653.00	2,143.00
Access Roads — miles	80.39	10.31	90.70
Totals	2,559.39	3,512.31	6,071.70

Regravelling of Main and Secondary Highways, maintenance, snow removal, ice control, centreline striping, pavement messages at railway crossings, school zones, intersections and other locations, the erection and maintenance of traffic safety and control signs on Highways and Access Roads to Towns and Villages, and the maintenance of Wayside Camp Sites adjacent to Highways were carried out. Following are the details of expenditures:

General Maintenance	6,071.70	miles	\$3,423,228.74
Snow Removal	6,071.70	"	474,358.85
Ice Control	6,071.70	"	643,264.89
Regravelling	480.47	"	378,645.58
Centreline Striping and Pavement Messages	1,764.5	"	72,566.48
Erection and Maintenance of High- way and Access Road Signing			262,370.05
Total			\$5,254,434.59

(2) Statement showing the distribution of expenditures from Income Account on the construction and maintenance of District Highways and Local Roads in Improvement Districts, Counties, Municipal Districts and Special Areas, as follows:

Local Improvement Districts	\$4,538,961.45
Counties and Municipal Districts	4,176,987.58
Special Areas	150,000.00
Special Contingencies Appropriation	2,953,477.92
Natural Resources Roads Appropriation	449,942.58
Total	\$12,269,369.53

Details of work accomplished as follows:

Miles of road graded	3,388.95	miles
Miles of road gravelled	5,069.30	"
Miles of road asphalt surfaced	5.50	"

(3) Statement showing the expenditures incurred by the operation, maintenance and construction of Ferries from both Capital and Income Accounts. There were 35 Ferries operated by the Department of Highways during the season. Replacement scows were constructed at the following Ferries to replace condemned scows:

South of Wembley Ferry
South of Falher Ferry

A new Ferry crossing was opened over the Peace River West of La Crete, the former Dunvegan Ferry installations being installed at this point. This new Ferry provides a Southerly approach from Highway No. 35 to the Fort Vermilion area and is of great economic benefit to the agricultural area centred around La Crete. The completion of the Sandy Point Bridge over the South Saskatchewan River resulted in the elimination of the following Ferries:

South of Empress Ferry
Bindloss Ferry

Summary of Ferry expenditure as follows:

Operation and Maintenance of Ferries, including scow replacements detailed above (Vote 1511)	\$321,527.63
New Installations (La Crete Ferry) (Vote 1582)	19,999.86
Total	<u>\$341,527.49</u>

(4) Statement showing the expenditures made in connection with the construction of Wayside Camp Sites as follows:

Land Purchased for Camp Sites (Vote 1588)	\$ 7,506.10
Camp Sites constructed or partially constructed under the Agreements with the Federal Government by Special Warrants 3, 18 and 49 as at March 31st, 1962	257,301.34
Total	<u>\$264,807.44</u>

(5) Statement showing the expenditures incurred under the Winter Works Incentive Programme as follows:

Work performed under Special Warrants 1 and 36 at March 31st, 1962, under the Agreements with the Federal Government	\$858,685.15
--	--------------

(6) Total Expenditures as follows:

Highway and Access Road Maintenance	\$ 5,254,434.59
Improvement Districts, Counties, Municipal Districts and Special Areas	12,269,369.53
Ferries—Construction, Operation and Maintenance	341,527.49
Wayside Camp Sites, construction	264,807.44
Winter Works Incentive Programme	858,685.15
Total Expenditure	<u>\$18,988,824.20</u>

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

MAIN HIGHWAYS MAINTENANCE

**EXPENDITURE ON MAINTENANCE OF MAIN AND SECONDARY
HIGHWAYS AND ACCESS ROADS**

For the Year Ended March 31, 1962

Hwy. No.	Location	Miles	Amount
1A	Walsh to Bassano	124	\$ 44,739.55
3A	Medicine Hat to Grassy Lake	49	21,671.50
36B	Bow River to Sunnynook Corner	75	33,015.05
41A	Jct. Hwy. No. 1 to Acadia Valley	31	7,110.91
48A	Irvine to Wildhorse	71	35,677.54
61A	Skiff to North of Orion	35	22,426.41
2A	Carway to Nanton	104	46,408.25
3B	Grassy Lake to Crowsnest	149	132,073.36
4A	Lethbridge to Coutts	63	19,001.33
5A	Lethbridge to Waterton Park Gates	71	33,420.09
6A	Pincher to Waterton Park Gates	30	16,366.94
23A	Monarch to Champion	33	5,427.38
25A	Lethbridge to East of Little Bow River	38	19,606.94
36A	Taber to Bow River	34	24,969.50
40A	Cardston to Immigrant Gap	15	4,129.02
52A	Welling to Craddock	15	2,703.04
61B	Stirling to Skiff	34	19,703.45
62A	Magrath to Del Bonita	13	13,397.79
1X	Seebe Conn. between Hwy. No. 1 & No. 1A	3	1,615.00
1B	Bassano to Banff Park Gates	146	92,912.31
1B1	Chestermere Jct. to Calgary	7	5,981.99
1B2	Calgary—West to Jct. Hwy. No. 1	66	30,031.79
2B	Nanton to Didsbury Corner	85	57,860.02
2B1	Hwy. No. 2A—Dewinton, Okotoks to Nanton	21	14,724.04
2B2	Hwy. No. 2A—Mile 33.11 to Didsbury	14	5,806.54
7A	Okotoks to Longview	24	13,032.01
8A	Calgary to Bowness Park	5	3,425.46
9A	Inverlake to S.E. Corner 16-28-21-4	68	22,275.28
9B	S.E. Corner 16-28-21-4 to Alsask	134	44,278.58
10A	Drumheller to Wayne to East Coulee	17	8,946.48
21A	Jct. Hwy. No. 9 to Twining	25	10,131.55
21A1	Beiseker to Jct. Hwy. No. 21	20	15,057.37
22A	Midnapore to Black Diamond	31	25,843.75
23B	Champion to High River	52	18,816.69
24A	Vulcan Corner to Cheadle	44	16,757.37
26A	Carbon West and South	13	23,731.18
36C	Hanna to Garden Plains	20	11,686.41
41B	Acadia Valley to New Brigden	2	375.74
2D	Wetaskiwin to Edmonton	40	78,715.15
13A	Hayter to Wetaskiwin	155	78,532.26
14A	Jct. Hwy. No. 17 to Edmonton	163	119,136.74
15B	Ft. Saskatchewan thru Mundare to Jct. Hwy. No. 16	43	38,658.17
16A	Lloydminster to Edmonton	151	120,549.02
16A1	Clover Bar via the Refineries to Edmonton	7	2,568.01

Hwy. No.	Location	Miles	Amount
*17A	Lloydminster South and North	53	\$ 24,497.98
21C	Bashaw to Jct. Hwy. No. 14	68	51,909.31
36D	Battle River to Saskatchewan River	102	62,623.82
41C	15 Miles South of Wainwright to Saskatchewan River ..	101	70,662.31
45A	Jct. Hwy. No. 15 to Jct. Hwy. No. 17— North of Lloydminster	151	131,982.14
55A	Bremner to Ft. Saskatchewan	10	4,428.73
2C	Didsbury Corner to Wetaskiwin	98	97,698.90
2C1	Hwy. No. 2A—Didsbury to Bowden & Innisfail to Pine Cabins	36	20,181.12
11A	Red Deer to Tepee Creek	117	83,441.20
12A	Compeer to Nevis	143	54,906.76
12B	Nevis to Norbuck	97	61,390.69
19A	Wetaskiwin to Norbuck	51	24,431.95
20A	Bentley to Sylvan Lake	11	5,870.12
21B	Twining to Bashaw	76	55,244.60
27A	Sundre to 2 Miles East of Hwy. No. 2	32	20,269.13
36C	Garden Plains to Battle River	41	15,187.02
42A	Penhold to Lousana	28	27,014.22
50A	Tees to Mirror	9	2,889.78
51A	Bentley to Gilby	19	10,591.30
53A	Rimby East to Jct. Hwy. No. 21	55	36,018.27
54A	Innisfail to East of Ricinus	43	36,589.53
56A	Stettler to Morrin	47	17,603.82
28B	Spedden to Cold Lake	103	135,979.75
36E	Duvernay to St. Brides	20	7,496.57
41D	Saskatchewan River to Jct. Hwy. No. 28	8	12,918.78
46B	Lac La Biche to Spruce Valley Corner	33	52,128.51
43.35	Ashmont to East of Rife	9	296.19
16B	Edmonton to Jasper Park Boundary	197	298,414.84
16B1	Hwy. No. 16A to City Limits thru Jasper Place	2	655.73
29A	Jasper Hwy. to Edmonton Beach	4	7,015.93
30A	Jasper Hwy. to Kapasiwin Beach	3	1,136.76
31A	Jasper Hwy. to Seba Beach	2	7,866.78
32A	Jct. Hwy. No. 16 to McLeod River	11	5,757.09
33A	Jct. Hwy. No. 43 to Alberta Beach	6	2,670.95
38A	Edmonton to Country Club Road	2	1,499.31
39A	Leduc to Norbuck	53	89,027.22
43A	Carvel Corner to Fox Creek	132	141,446.73
47	Bickerdike to Leyland	59	51,473.03
47A	Leyland to Luscar	12	634.72
57A	Entwistle to Alsike	51	48,539.44
60A	Jasper Hwy. to Devon	13	11,132.46
2E	Edmonton to Faust	219	593,566.20
15A	Edmonton to Ft. Saskatchewan	14	18,480.01
18A	Clyde to Swan Hills	97	112,346.16
28A	Edmonton to Spedden	102	140,962.40
37A	Namoo to Gibbons	19	56,685.12
44A	Westlock to Smith	76	84,255.53
46A	Spruce Valley Corner to Jct. Hwy. No. 28	63	62,233.78
2G	Dunvegan to Pouce Coupe	111	98,482.25
34A	Little Smoky River to Jct. No. 2 Hwy. North of Grande Prairie	95	65,278.03
34A1	Triangle to Jct. Hwy. No. 34	29	38,577.57
43B	Valleyview to Fox Creek	54	48,068.54
49B	Watino to B. C. Boundary	98	68,670.43
59A	Sexsmith to La Glace	17	5,190.10
2F	Faust to Dunvegan	185	271,548.14
2F1	Donnelly thru McLennan to Triangle	31	40,397.53
2F2	Grimshaw East to Jct. Hwy. No. 2	7	4,770.69
35A	Grimshaw to North Provincial Boundary	295	265,841.89
49A	Donnelly to Watino	21	36,529.57
		5,981	\$5,166,704.39

File No.	Access Roads	Miles	Amount
43.46	Jct. Hwy. No. 2 to Didsbury	4.24	\$ 347.07
43.47	" " " 2 to Carstairs	3.03	784.09
43.48	" " " 14 to Edgerton	6.03	3,289.91
43.50	" " " 11 to Eckville	2.79	234.36
43.52	" " " 1 to Gleichen	1.28	464.97
43.53	" " " 1 to Cluny	1.52	285.83
43.56	" " " 45 to Dewberry .....	.96	181.35
43.57	" " " 45 to Clandonald	1.77	142.55
43.58	" " " 45 to Hazeldine	1.54	96.00
43.59	" " " 16 to Islay	3.43	1,093.03
43.60	" " " 13 to Sedgewick .....	.43	261.37
43.62	" " " 28 to Redwater	1.07	797.10
43.66	" " " 13 to Provost .....	.37	7.55
43.67	" " " 43 to Sangudo .....	.28	758.12
43.68	" " " 43 to Rochfort Bridge .....	.31	299.88
43.69	" " " 9 to Hanna .....	.55	30.29
43.70	" " " 21 to Trochu .....	.51	85.10
43.71	" " " 21 to Huxley .....	.33	91.04
43.72	" " " 1 to Tilley	2.65	803.15
43.73	" " " 44 to Pibroch .....	.88	653.45
43.75	" " " 1A to Spy Hill Gaol	2.58	336.75
43.78	" " " 2 to Legal	1.52	69.00
43.79	" " " 2 to Vimy .....	.80	108.50
43.80	" " " 44 to Dapp	3.80	621.45
43.81	" " " 44 to Jarvie	1.00	24.00
43.82	" " " 44 to Flatbush	2.01	19.06
43.83	" " " 44 to Fawcett .....	.30	170.86
43.84	" " " 43 to Onoway	1.03	1,711.51
43.85	" " " 43 to Mayerthorpe .....	.46	101.58
43.86	" " " 13 to Hughenden .....	.33	30.79
43.87	" " " 13 to Metiskow	1.66	251.15
43.89	" " " 21 to Elnora	2.03	207.07
43.90	" " " 21 to Lousana	2.27	185.22
43.92	" " " 49 to Eaglesham	4.00	1,275.27
43.93	" " " 2 to Woking	2.80	1,019.83
43.94	" " " 2 to Sexsmith .....	.35	36.90
43.96	" " " 28 to Bonnyville Beach	2.17	193.56
43.97	" " " 36 to Rainier	3.93	551.13
43.98	" " " 18 to Barrhead	2.16	109.10
43.100	" " " 18 to Colinton	3.31	359.61
43.101	" " " 2 to Wembley	1.02	94.46
43.102	" " " 21A to Acme .....	.25	198.37
43.103	" " " 2 to Clyde .....	.52	57.50
43.105	" " " 2 to Saskatoon Mountain ...	2.02	7.30
43.106	" " " 36 to Duchess	1.50	487.90
43.108	" " " 13 to Cadogan	6.55	332.52
43.110	" " " 36 to Scandia	1.20	196.46
43.112	" " " 49 to Tangent	5.16	61.00
			<hr/>
			\$ 19,524.06

Grants	Location	Miles	Amount
40.00E23	City of Medicine Hat		\$ 4,085.00
40.00E28	City of Red Deer		1,965.00
40.00E37	City of Camrose		1,015.00
40.00E42	City of Drumheller		450.00
40.00E43	City of Wetaskiwin		710.00
40.00E47	City of Lethbridge		2,895.00
40.00E71	City of Edmonton		18,985.00
40.00E72	City of Calgary		8,585.00
40.00E90	City of Grande Prairie		315.00
40.00E149	City of Lloydminster		295.00
			\$ 39,300.00
	General		6,973.54
	Unemployment Insurance		19,301.07
	Micro Wave Sites		1,658.31
	Maintenance Sand		973.22
			28,906.14
	Appropriation 1512	6,071.70 miles	\$5,254,434.59

*Maintained by the Province of Saskatchewan 50% of Maintenance cost borne by the Province of Alberta by Agreement.

Appropriation 1510

Roads Branch Maintenance Administration:

Salaries	\$363,670.26	
General	78,237.35	\$441,907.61

**Appropriation 1540

Highway Safety Control	55,754.67
------------------------------	-----------

Appropriation 1588

Wayside Camp Sites	7,506.10
--------------------------	----------

Appropriation S.W. 3 & S.W. 18 S.W. 49

Camp Sites and Picnic Grounds	257,301.34
-------------------------------------	------------

Appropriation S.W. 1 & S.W. 36

Winter Works Incentive Programme	858,685.15
--	------------

**Includes Salaries in the amount of \$26,238.87.

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

EXPENDITURE ON CONSTRUCTION AND MAINTENANCE
OF DISTRICT HIGHWAYS AND LOCAL ROADS

For the Year Ended March 31, 1962

GRANTS TO MUNICIPAL DISTRICTS

M.D. Number	Total	M.D. Number	Total
*General	\$ 8,586.66	M.D. 82	\$ 90,890.69
Unemployment Ins.	268.00	" 83	69,265.99
M.D. 6	77,244.99	" 84	72,311.12
" 9	58,700.34	" 87	58,163.00
" 14	103,805.49	" 92	79,939.60
" 25	103,733.93	" 93	71,877.65
" 26	127,113.64	" 130	56,788.46
" 31	95,244.06	" 133	21,114.37
" 34	20,210.30	" 135	26,016.46
" 44	138,803.64	" 136	31,107.47
" 47	62,442.44	County 1	115,490.65
" 48	94,074.06	" 2	130,008.50
" 52	83,744.29	" 3	92,003.34
" 53	74,206.90	" 4	105,090.00
" 55	122,027.57	" 5	89,583.88
" 61	96,155.13	" 6	103,953.72
" 62	103,019.93	" 7	54,114.41
" 63	112,114.70	" 8	121,460.65
" 71	118,766.13	" 9	93,903.00
" 72	83,096.32	" 10	90,574.67
" 75	115,874.85	" 11	52,844.40
" 81	88,001.06	" 12	90,438.82
		" 13	62,887.36
		" 14	91,912.05
		" 15	91,769.61
		" 16	111,097.71
		" 17	134,012.57
		" 19	81,133.00
		Appropriation No. 1515	\$4,176,987.58

*Note: General is expenditure incurred by Engineering Parties.

GOVERNMENT OF THE PROVINCE OF ALBERTA

DEPARTMENT OF HIGHWAYS

EXPENDITURE ON CONSTRUCTION AND MAINTENANCE
OF DISTRICT HIGHWAYS AND LOCAL ROADS

For the Year Ended March 31, 1962

SPECIAL CONTINGENCIES

I.D. or M.D.	Total	I.D. or M.D.	Total
Unemployment Ins.	1,833.87	I.D. 101	\$ 11,586.09
M.D. 6	150,631.47	" 102	100,453.08
" 9	55,766.40	" 126	13,853.79
I.D. 11	49,985.87	M.D. 130	47,384.77
M.D. 14	39,080.91	" 133	8,810.23
I.D. 22	7,928.53	" 134	89,778.06
M.D. 25	32,969.44	" 135	40,665.22
" 26	38,681.08	" 136	34,179.90
I.D. 27	23,528.37	I.D. 139	33,735.11
M.D. 31	72,353.85		
" 34	6,570.71	County 1	44,555.14
" 44	37,950.81	" 2	25,048.91
" 47	60,282.83	" 3	48,592.23
" 48	42,743.86	" 4	38,882.61
" 52	32,023.24	" 5	39,758.70
" 53	60,705.43	" 6	34,202.81
" 55	34,237.14	" 7	52,803.67
" 61	54,027.68	" 8	44,266.21
" 62	63,264.94	" 9	42,974.47
" 63	50,991.26	" 10	41,918.48
" 71	104,281.46	" 11	44,224.95
" 72	50,188.39	" 12	93,149.32
" 75	79,490.46	" 13	81,319.79
" 81	50,780.19	" 14	41,810.87
" 82	56,420.67	" 15	35,580.35
" 84	64,738.32	" 16	85,049.03
" 86	121,872.31	" 17	72,088.05
" 87	109,575.52		
" 92	37,355.88	Special Area 2	28,701.06
" 93	87,844.13	Appropriation No. 1516	<u>\$2,953,477.92</u>

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

**EXPENDITURE ON CONSTRUCTION OF DISTRICT HIGHWAYS
AND LOCAL ROADS**

For the Year Ended March 31, 1962

GRANTS FOR NATURAL RESOURCES ROADS

I.D. or M.D.		Total	I.D. or M.D.		Total
Unemployment Ins.		\$ 233.97	County	3	\$ 10,000.00
M.D.	9	25,000.00	"	6	10,000.00
I.D.	10	20,314.15	"	7	10,000.00
M.D.	26	7,355.36	"	9	10,000.00
"	47	10,000.00	"	10	10,000.00
"	48	10,000.00	"	11	13,000.00
"	53	10,000.00	"	12	10,000.00
"	55	10,000.00	"	14	10,000.00
"	61	10,000.00	"	15	10,000.00
"	62	20,000.00	"	16	10,000.00
"	63	19,311.61	"	17	25,000.00
"	75	10,000.00			
I.D.	78	23,656.12	Appropriation 1518		\$449,942.58
M.D.	84	21,026.11			
"	92	7,000.00			
"	93	27,601.00			
I.D.	95	37,189.99			
"	96	10,116.81			
"	109	43,137.46			

Summary

Income Account:

Appropriation 1513	Grants to Improvement Districts	\$ 4,538,961.45
1514	Grants to Special Areas	150,000.00
1515	Grants to Municipal Districts	4,176,987.58
1516	Special Contingencies	2,953,477.92
1518	Grants for Natural Resources Roads	449,942.58
		<u>\$12,269,369.53</u>

Salaries are included in Appropriation 1510 A.

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

WAYSIDE CAMP SITES
APPROPRIATION 1588

Expenditure from April 1, 1961 to March 31, 1962

Dist.	File	Location	Amount	District Total
5	3198-150	Bretona—N.E. 36-51-23-4—Hwy. 14	\$1,500.00	
	157	Hayter—S.W. 23-39-1-4—Hwy. 14	23.00	
	165	Daysland—S.E. 9-45-16-4—Town of Daysland	700.00	
	235	Lea Park—Sec. 14-54-3-4—Hwy. 45	150.00	
	247	Ardrossan—N.E. 11-53-22-4—Hwy. 16	4,000.00	\$6,373.00
6	239	James River Bridge—N.E. 10-62-2-4—Hwy. 28	100.00	100.00
7	71	Vezeau Beach—S.W. 10-61-6-4— Moose Lake—Hwy. 28	500.00	
	226	Ashmont—N.E. 9-59-11-4—Hwy. 28	450.00	950.00
8	82	Gunn—S.E. 11-55-3-5—Hwy. 43	35.10	35.10
11	230	E. of Valleyview—L.S. 1 Sec. 28-70-1-5— Hwy. 35	48.00	48.00
Appropriation 1588				<u>\$7,506.10</u>

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

CAMP SITES AND PICNIC GROUNDS
APPROPRIATION — SPECIAL WARRANT 3, 18, 49

Expenditure from April 1, 1961 to March 31, 1962

Dist	File	Location	Amount	District Total
1	3198- 7	E. of Medicine Hat—S.W. 9-12-4-4—Hwy. 1 \$	88.23	
	8	Near Brooks—N.E. 4-4-19-14-4—Hwy. 1	77.88	
	99	Suffield—S.E. 34-14-9-4—Hwy. 1	1,040.67	
	100	Bassano—N.E. 10-21-18-4—Hwy. 1	81.66	
	102	Bow Island—S.W. 4-35-10-11-4—Hwy. 3	1,037.50	
	185	Verger—N.E. 32-22-14-4—Hwy. 36	1,060.87	
	194	Sandy Point—S.E. 34-20-1-4—Hwy. 1	2,964.19	
	211	Redcliff—S.W. 16-13-6-4—Hwy. 1	2,279.82	\$ 8,630.82
2	4	Oldman River—S $\frac{1}{2}$ -10-9-26-4—Hwy. 2	11.45	
	5	Lundbreck Falls—27/28-7-2-5—Hwy. 3	907.00	
	9	Island Lake—S.W. 7-8-5-5—Hwy. 3	1,025.35	
	10	Waterton River—E. $\frac{1}{2}$ -29-6-25-4—Hwy. 2	11.45	
	11	Castle River—N.E. 35-6-1-5—Hwy. 3	14.42	
	15	Nanton—S.W. 22-16-28-4—Hwy. 2	14.42	
	37	Milk River—N.E. 21 & S.E. 28-2-16-4—Hwy. 4	11.66	
	38	W. of Oldman River near Lethbridge N.E. 2-9-22-4—Hwy. 3	14.42	
	44	Town of Cardston, approx. N.E. 9-3-25-4	29.62	
	50	Magrath—TWP. 55-22-4 Blk. 45 Lot 5-6-7—Hwy. 5	11.45	
	51	Carmangay—N.W. 31-13-23-4—Hwy. 23	42.92	
	53	Chin Lake—S.E. 26-9-19-4—Hwy. 3	1,096.47	
	54	Yarrow Creek—N.E. 8-4-29-4—Hwy. 6	22.05	
	139	Gold Creek—Village of Frank	884.52	
	153	North of Wrentham—S.E. 35-7-17-4— Chin Coulee Bridge—Hwy. 4A	1,209.19	
	208	Pincher Creek—N.W. 23-6-30-4—Hwy. 6	4,831.06	
	246	Raymond—Town of Raymond—Hwy. 52	5.00	\$ 10,142.45
4	13	Deadman Flats—S.E. 13-24-10-5—Hwy. 1	1,998.44	
	14	Lac Des Arcs—N.E. 15-24-9-5—Hwy. 1	2,119.32	
	34	Near Munson Ferry—S.W. 15-30-21-4—Hwy. 9	210.02	
	35	North of Drumheller— N.W. 11-29-20-4—Hwy. 9	234.96	
	36	Hoodoo's—N.W. 7-28-18-4—Hwy. 10	153.03	
	42	Dogpound Creek—N.E. 3-29-4-5—Hwy. 1A	281.72	
	56	Bow River—N.W. 22-24-10-5—Hwy. 1	281.23	
	69	Sheep Creek—N.W. 19-20-28-4—Hwy. 2	223.18	
	116	Okotoks—S.E. 29-20-29-4— Sheep Creek—Hwy. 2	124.82	
	147	Carseland—N.W. 33-21-25-4—Hwy. 24	93.53	
	168	George Lane Memorial Park— N.W. 6-19-28-4—Town of High River	79.47	
	184	Chestermere Lake—N.E. 15-24-28-4—Hwy. 1A	1,163.54	
	202	Carbon—N.E. 15-29-23-4—Hwy. 26	1,198.26	
	203	Highwood—S $\frac{1}{2}$ -25-17-4-5—Hwy. 22	2,033.37	
	204	Acme—S.W. 19-29-25-4—Hwy. 21A	1,213.89	
	220	Traver's Reservoir—N.W. 19-14-20-4—Hwy. 23	2,850.71	
	224	Cremona—N.E. 33-29-3-5—Hwy. 2	3,391.64	
	227	Hand Hills Lake— L.S. 15 Sec. 23-29-16-4—Hwy. 9	3,837.93	
	229	Newcastle Beach—S.E. 10-29-20-4—Hwy. 9	2,933.36	\$ 24,422.42
5	16	Battle River—Sec. 19-45-7-4—Hwy. 14	425.47	
	30	Near Bittern Lake—N.W. 26-46-22-4—Hwy. 13	474.95	
	31	Beulah School Yd.—S.W. 29-50-3-4—Hwy. 16	407.94	
	32	Amisk Creek—N.E. 15-50-18-4—Hwy. 14	370.94	
	45	Near Hazeldine (Vermilion River) E. $\frac{1}{2}$ -19-53-3-4—Hwy. 45	298.61	

Dist	File	Location	Amount	District Total
	3198- 76	Two Hills—S.W. 5-55-12-4—Jct. Hwy. 36 & 45	\$ 344.91	
	87	Ranfurly—N.W. 11-51-12-4—Hwy. 16	316.03	
	93	North of Viking—N.W. 4-13-49-13-4—Hwy. 36	323.61	
	95	Hardisty—N.E. 25-42-10-4—Hwy. 13	328.51	
	96	Near Czar—N.W. 4-33-40-6-4—Hwy. 13	305.97	
	114	Duhamel—S.E. 10-46-21-4—Hwy. 21	1,532.63	
	129	Sunset Lake—N.E. 15-54-8-4—Hwy. 45	97.24	
	132	Bruderheim—N.E. 24-55-21-4—Hwy. 15	82.76	
	135	W. of Viking—S.E. 3-48-13-4—Hwy. 14	163.14	
	150	Bretona—N.E. 36-51-23-4—Hwy. 14	1,517.55	
	156	North of Chauvin—N.W. 3-45-2-4—Hwy. 14	171.89	
	157	Hayter—S.W. 23-39-1-4—Hwy. 13	82.76	
	164	Alliance—S.E. 4-40-13-4—Hwy. 36	203.14	
	165	Daysland—S.E. 9-45-16-4—Town of Daysland	7,331.75	
	171	S. of Rivercourse—S.E. 11-46-1-4—Hwy. 17	154.26	
	178	Andrew—S.E. 32-56-16-4—Village of Andrew	90.77	
	192	Birch Lake—N. 3-34-50-10-4—Hwy. 16	5,484.44	
	193	Ministik—E. 3-Sec. 16-51-21-4—Hwy. 14	12,779.34	
	215	Leduc—N.E. 27-49-25-4—Hwy. 2	3,926.74	
	218	Elk Island—N.W. 8-53-19-4—Hwy. 16	5,912.60	
	225	Vegreville—Blk. C. Plan 2483 P.—Hwy. 16	8,738.17	
	235	Lea Park—Sec. 14-54-3-4—Hwy. 45	2,352.66	
	243	S. Cooking Lake—S.W. 24-51-22-4—Hwy. 14	1,438.32	
	247	Ardrossan—N.E. 11-53-22-4—Hwy. 16	1,293.37	
	251	N.E. Hairy Hill—N.W. 27-56-13-4—Hwy. 45	73.09	\$ 57,023.56
6	3	Blindman River—S.E. 15-39-27-4—Hwy. 2	420.51	
	6	Westward Ho—N.E. 33-32-4-5—Hwy. 27	2,972.20	
	17	Medicine River—S.E. 29-40-3-5—Hwy. 51	47.31	
	19	Near Pine Lake—S.E. Cor.— S.W. 26-36-25-4—Hwy. 42	2,810.95	
	20	Red Deer River—S.E. 34-38-22-4—Hwy. 21	36.81	
	33	Ma-Me-O Beach— Blk. 12 N.W. 14-46-28-4—Hwy. 19	15.00	
	39	Modeste Creek—S.W. 8-46-3-5—Hwy. 12	59.81	
	40	Poplar Creek—N.E. 34-46-3-5—Hwy. 19	6.65	
	46	Three Hills—Town of Three Hills	6.75	
	64	Chambers Creek—N.E. 13-40-10-5—Hwy. 11	53.96	
	65	Tolman Ferry—N.E. 14-33-22-4—Hwy. 56	39.68	
	67	Three Hills Creek—S.W. 20-31-23-4—Hwy. 21	1,059.51	
	77	Morningside—S.E. 11-42-26-4—Hwy. 2	87.15	
	80	Rimbey—N.E. 8-43-2-5—No. of Rimbey Hwy. 12	1,531.38	
	89	Morrin Bridge Site—S.W. 4-15-31-21-4—Hwy. 9	13.50	
	104	Big Valley—N.W. 4-30-35-19-4—Hwy. 56	15.00	
	107	Bowden—S.E. 23-34-1-5—Hwy. 2	1,124.81	
	127	Dickson—W. 3-Sec. 13-35-3-5—Red Deer River Hwy. 54	225.94	
	170	N. of Sylvan Lake—N.E. 33-39-2-5—Hwy. 11	1,812.53	
	189	Old Timers Picnic Grds.— S.W. 13-38-28-4—Hwy. 2	44.86	
	190	Town of Sylvan Lake—Hwy. 11	2,828.83	
	195	Town of Coronation— S.W. 24-36-11-4—Hwy. 12	1,092.24	
	196	The Narrows—S.E. 23-40-22-4—Hwy. 21	1,382.59	
	210	Red Deer River—N.W. 21-35-21-4—Hwy. 56	2,041.42	
	213	Delburne—N.W. 21-37-23-4—Hwy. 21	1,232.48	
	214	Red Deer Lake—N.W. 23-43-22-4—Hwy. 53	1,213.83	
	239	James River Bridge—N.E. 16-34-5-5—Hwy. 28	2,259.22	
	240	Birch Bay (Gull Lake) S.E. 33-41-1-5—Hwy. 12	2,229.07	
	244	Buffalo Lake—N.W. 11-41-20-4—Hwy. 12	1,692.65	\$ 28,356.64
7	21	Long Lake—Sec. S.E. 25-58-7-4—Hwy. 28	1,404.89	
	22	Floating Stone Lake— S.W. 29-60-11-4—Hwy. 28	271.64	
	27	Whitney Lake—N.E. 8-56-4-4—Hwy. 41	1,218.25	
	28	St. Vincent Lake—S.W. 17-59-9-4—Hwy. 28	258.65	

Dist	File	Location	Amount	District Total
	3198- 29	Fork Lake—N.W. 14-63-11-4—Hwy. 28	\$ 146.93	
	63	English Bay (Cold Lake) S.E. 34-64-2-4—Hwy. 28	234.48	
	70	Owl River—L.S.D.-12 N.W. 29-68-13-4— Hwy. 46	1,417.41	
	71	Vezeau Beach—S.W. 10-61-6-4— Moose Lake—Hwy. 28	802.28	
	72	Moore Lake—S.E. 5-64-4-4—Hwy. 28	197.89	
	73	Beaver Lake—N.E. 33-66-13-4—Hwy. 46	147.63	
	74	Plamondon Beach— L.S.D. 9 & 10 N.E. 25-68-16-4—Hwy. 46	141.64	
	75	Ethel Lake—N.E. 14-64-3-4—Hwy. 28	91.91	
	78	Bonnyville Beach—Moose Lake— S.W. 32-60-6-4—Hwy. 28	45.86	
	115	Lac Bellevue—S.E. 6-55-9-4—Hwy. 28	64.42	
	124	Lower Therien Lake— N.W. 19-57-9-4—Hwy. 28	104.53	
	138	Stoney Lake—S.E. 23-56-8-4— Siler Lake—Hwy. 28	70.47	
	152	Big Fish Lake—N.E. 9-56-11-4—Hwy. 36	1,715.51	
	155	Crane Lake—L.S. 4 of Sec. 3-64-4-4—Hwy. 28	17.34	
	161	Elk Point Bridge—S.E. 25-56-7-4—Hwy. 41	33.98	
	163	Gurneyville—N.W. 31-59-5-4—Hwy. 28	2,668.93	
	174	Caslan—S.W. 33-65-17-4—Hwy. 46	1,612.12	
	176	Powder Lake—L.S. 15 of Sec. 36-66-17-4 Hwy. 46	18.90	
	177	S. of Mallaig—N.W. 30-59-9-4—Hwy. 28	39.78	
	180	Frenchman's Bay— N.W. 12-63-1-4—Cold Lake—Hwy. 28	33.98	
	181	Minnie Lake—N.W. 14-61-8-4—Hwy. 28	1,292.85	
	217	Ironwood Lake— $\frac{1}{2}$ Sec. 2-65-11-4—Hwy. 46	7,075.65	
	221	Missawawi—L.S.D. Sec. 13-66-15-4—Hwy. 46	5,150.84	
	223	Eastbourne—N.E. 26-60-7-4—Hwy. 28	4,014.98	
	226	Ashmont—N.E. 9-59-11-4—Hwy. 28	4,733.84	
	236	Pinehurst Lake— L.D. 10-15 Sec. 29-65-10-4—Hwy. 46	1,226.63	
	237	Lower Mann Lake—N.W. 6-60-10-4—Hwy. 28	1,499.66	
	241	Ernestine Lake—N.E. 6-61-3-4—Hwy. 28	436.26	
	242	Beartrap Lake—S.W. 22-60-4-4—Hwy. 28	300.65	\$ 38,490.78
8	2	Obed Lake—N.E. 3-53-22-5—Hwy. 16	458.38	
	24	Muskuta Creek—N.W. 11-50-26-5—Hwy. 16	456.40	
	62	MacKay—N. $\frac{1}{2}$ Sec. 30-53-11-5—Hwy. 16	2,525.89	
	82	Gunn—S.E. 11-55-3-5—Hwy. 43 at Gunn	456.43	
	110	Two Creeks—L.S.D. 5 & 8 S.W. 27-S.E. 28-61-16-5—Hwy. 43	456.42	
	111	Whitcourt—N.W. 19-59-11-5—Hwy. 43	884.03	
	112	Iosegun Creek—L.S.D.-9-10-15 N.E. 34-61-18-5—Hwy. 43	456.45	
	191	Spruce Grove—N.W. 32-52-27-4—Hwy. 16	3,519.36	
	199	Hornbeck Creek—S.E. 14-53-19-5 10 N.W. Edson—Hwy. 16	2,995.09	
	212	Easyford—Between S.W. 16-N.W. 9-50-8-5 Hwy. 57	3,237.56	
	216	Chickadee Creek—W. $\frac{1}{2}$ 20-60-13-5—Hwy. 43	5,046.74	\$ 20,492.75
9	25	Sturgeon River—S.W. 10-55-24-4—Hwy. 28	1,022.21	
	26	Lawrence Lake—N.W. 19-69-24-4 Near Donatville—Hwy. 2	80.24	
	43	Bonnie Lake—L.S. 9-Sec. 33-59-13-4—Hwy. 28	80.24	
	47	Granville School Site—S.E. 2-65-20-4 Near Boyle—Hwy. 46	49.00	
	48	Lesser Slave Lake—S.W. 5-73-4-5—Hwy. 2	67.42	
	49	Holmes Crossing—S.W. 36-61-6-5—Hwy. 18	49.00	
	58	Sandy Beach—N.E. 35-55-1-5 Sandy Lake—Hwy. 2	80.24	
	128	Athabasca—Town of Athabasca—Hwy. 2	33.52	

Dist	File	Location	Amount	District Total
	3198-133	Egremont—N.W. 18-58-21-4—Hwy. 28	\$ 940.40	
	134	Warspite—N.W. 15-59-18-4—Hwy. 28	984.07	
	141	Flatbush—S.E. 5-66-1-5—Hwy. 44	53.14	
	142	Chisholm—S.E. 2-69-1-5—Hwy. 44	53.14	
	143	Freedom—N.E. 4-60-2-5—Hwy. 18	974.85	
	144	Assineau River—N.W. 20-73-8-5—Hwy. 2	33.52	
	148	Newbrook—S.E. 21-62-20-4—Hwy. 46	941.90	
	149	Rochester—S.E. 22-62-24-4—Hwy. 2	208.90	
	175	Bellis—N.W. 22-59-15-4—Hwy. 28	33.52	
	206	Jarvie—N.W. 12-63-27-4—Hwy. 44	5,869.26	
	207	Smith—S.W. 26-71-1-5—Hwy. 2	10,109.18	
	209	Kinuso Beach—N.E. 9-74-10-5—Hwy. 2	3,934.28	
	222	Vimy—S.W. 21-58-25-4 Hwy. 2	6,042.02	\$ 31,640.05
<hr/>				
11	1	House River—S.E. 35-66-22-5—Hwy. 43	3,297.63	
	41	Smoky River—N.E. 17-72-2-6—Hwy. 34	563.13	
	81	Demmitt—N.W. 4-75-13-6—Hwy. 2	393.49	
	86	Beaverlodge—Town of Beaverlodge	247.08	
	91	Woking—S.E. 4 4-77-5-6—Hwy. 2	113.26	
	92	Burnt River—S.W. 4 10-78-4-6—Hwy. 49	1,513.09	
	105	Blueberry—S.E. 18-79-9-6—Hwy. 49	1,436.77	
	108	O'Brien Prov. Park— N.W. 4 14-70-6-6—Hwy. 34	109.69	
	188	Hythe—N.W. 24-73-11-6—Hwy. 2	2,557.66	
	228	Valhalla—S.W. 18-74-9-6—Hwy. 59	2,798.38	
	230	E. of Valleyview— L.S.D. Sec. 28-70-21-5—Hwy. 43	220.42	\$ 13,250.60
<hr/>				
12	60	Little Smoky River— N.E. 33-74-21-5—Hwy. 34	1,239.46	
	61	Watino—S.W. 36-77-24-5—Hwy. 34	301.47	
	118	Peace River—N.E. 29-83-21-5—Hwy. 2	1,703.80	
	122	Dunvegan—N.W. 8-80-4-6—Hwy. 2	156.91	
	172	Hotchkiss—S.W. 12-93-23-5—Hwy. 35	102.34	
	197	Twin Lakes—Twp. 97-22-5—Hwy. 35	7,013.87	
	198	Grimshaw—S.E. 30-83-23-5—Hwy. 2	2,590.42	
	200	High Prairie—N.W. 19-74-16-5—Hwy. 2	4,885.88	
	231	Boyer River—Twp. 104-21-5—Hwy. 35	1,995.62	
	232	High Level—Bet. Twp. 109/110-19-5—Hwy. 35	1,870.31	
	233	Hay River—Twp. 117-22-5—Hwy. 35	601.78	
	234	Steen River—Twp. 122-19-5—Hwy. 35	1,411.92	\$ 23,873.78
<hr/>				
		Unemployment Insurance	977.49	977.49
<hr/>				
		Appropriation—Special Warrants 3, 18 & 49	\$257,301.34	\$257,301.34
<hr/>				

S U M M A R Y

Appropriation 1588	\$ 7,506.10
Appropriation SW 3, 18 & 49	257,301.34
	<hr/>
	\$264,807.44

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

SPECIAL WARRANTS NO. 1 & 36
WINTER WORKS INCENTIVE PROGRAMME

Expenditure from April 1, 1961 to March 31, 1962

District	I.D., M.D. or County	Amount	District Total
1	I.D. 22	\$ 890.24	\$ 890.24
2	B.I.R.	761.30	
	I.D. 10	10,378.84	
	" 27	26,453.89	37,594.03
4	" 42	25,519.81	
	" 50	7,679.37	
	" 946	3,911.72	37,110.90
5	M.D. 62	16,026.37	
	" 71	977.36	
	" 72	96.24	17,099.97
6	" 48	2,394.50	
	" 55	2,357.50	
	I.D. 58	9,142.07	
	" 65	59,851.93	
	" 68	3,089.16	
	County 6	2,058.00	78,893.16
7	M.D. 86	8,966.25	
	I.D. 87	2,111.35	
	" 101	11,918.45	
	" 102	72,065.57	95,061.62
8	" 75	327.90	
	" 77	22,453.39	
	" 78	70,394.08	
	" 84	8,757.09	
	" 93	12,036.23	
	" 95	36,508.53	
	" 96	9,234.53	
	" 109	58,718.53	218,430.28
9	" 107	29,815.11	
	" 108	15,066.39	
	" 122	15,123.75	
	" 123	4,003.80	
	" 124	14,817.20	
	" 129	19,287.44	
	County 13	5,499.60	103,613.29
11	I.D. 111	10,414.30	
	" 126	12,704.42	
	" 132	30,338.74	
	" 134	18,387.05	
	County 1	8,910.12	80,754.63
12	I.D. 125	36,391.09	
	M.D. 130	1,882.98	
	I.D. 131	22,661.19	
	" 138	24,934.05	
	" 139	35,508.30	
	" 146	18,325.80	
	" 147	44,896.98	184,600.39
Unemployment Insurance		4,636.64	4,636.64
Appropriation Special Warrant No. 1 & 36			\$858,685.15

GOVERNMENT OF THE PROVINCE OF ALBERTA

DEPARTMENT OF HIGHWAYS

STATEMENT OF EXPENDITURE ON WINTER WORKS INCENTIVE
PROGRAMME

MAINTENANCE OF BRIDGES AND PROTECTION WORKS

For the Year Ended March 31, 1962

MUNICIPAL & IMPROVEMENT DISTRICTS

APPROPRIATION 1532

District	County M.D. or I.D.	File	Amount	Total I.D. or M.D.	Total District
D 3	S.A. 3	7892	\$ 1,268.30	\$ 1,268.30	\$ 1,268.30
D 1	County 4	72040	793.54	793.54	793.54
D 3	County 6	2439	911.48		
	"	7512	669.24	1,580.72	1,580.72
D 4	County 2	969	12,120.01		
	"	70811	939.04		
	"	71186	1,532.85		
	"	72848	970.62	15,562.52	
	County 16	6557	1,303.51		
	"	8808	2,055.23		
	"	9191	2,568.48		
	"	9943	4,629.51		
	"	13338	1,050.93		
	"	70622	1,245.60	12,853.26	
	County 17	370	10,907.06		
	"	433	2,336.57	13,243.63	41,659.41
D 6	County 3	7088	2,197.49		
	"	8576	1,838.09		
	"	9993	1,425.21	5,460.79	
	County 14	2313	2,229.44		
	"	72595	2,069.37	4,298.81	9,759.60
D 9	County 7	1766	333.46	333.46	
	County 12	7222	927.26		
	"	75164	532.28	1,459.54	
	County 13	849	369.54	369.54	
	County 15	215	1,393.98		
	"	334	3,817.37		
	"	436	11,942.33		
	"	549	526.97		
	"	9434	1,324.65	19,005.30	21,167.84
D 11	County 1	7421	2,984.83		
	"	9941	2,094.37		
	"	13225	953.70		
	"	72193	1,224.50	7,257.40	7,257.40
D 2	M.D. 6	461	2,240.55		
	"	1936	735.04		
	"	75311	508.11		
	"	75386	4,912.65		
	"	75439	749.01	9,145.36	
	M.D. 25	70149	1,011.22		
	"	71422	710.06		
	"	73075	647.08	2,368.36	
	M.D. 26	1354	3,246.22		
	"	2192	954.71		
	"	7810	747.70		
	"	70231	1,072.56		

District	County M.D. or I.D.	File	Amount	Total I.D. or M.D.	Total District
D 2	M.D. 26	75307	\$ 319.05	\$	\$
	"	75372	942 27	7,282.51	18,796.23
D 3	M.D. 47	9551	1 682.93	1,682.93	
	M.D. 53	7528	648 07	648.07	2,331.00
D 4	M.D. 31	9009	1,030.77		
	"	9345	8,652.50		
	"	72292	2,134.48	11,817.75	
	M.D. 44	7733	2,021 93		
	"	9026	1 044.29	3,066.22	
	I.D. 946	611	759.15	759.15	15,643.12
D 5	M.D. 81	2264	6,487.26	6,487.26	
	M.D. 82	1766	479.59	479.59	6,966.85
D 6	M.D. 48	6594A	1 813.35	1,813.35	
	M.D. 55	437	4,668.90		
	"	1150	5,021.81	9,690.71	
	I.D. 65	70327	1,403.11		
	"	75277	2,294.07		
	"	75318	1 837.63	5,534.81	
	I.D. 68	75449	1,288 56	1,288 56	18,327.43
D 7	I.D. 101	72355	4,225.98	4,225.98	
	I.D. 102	8347	904 44		
	"	74546	4,829.43	5,733.87	
	I.D. 107	75305	7,673 06	7,673.06	17,632.91
D 8	M.D. 75	70083	724 23		
	"	74642	1,657.53		
	"	75458	533.47	2,915.23	
	M.D. 84	13244	995.00		
	"	71003	1,211.29		
	"	72447	835 26	3,041.55	
	M.D. 93	228	907.91		
	"	8839	3,724.71		
	"	13232	2,914.02		
	"	13733	1,016 56	8,563.20	
	I.D. 95	8128	3,292.49		
	"	9001	103.52		
	"	13647	2,435.90		
	"	70000	2,206 65	8,038.56	22,558.54
D 9	M.D. 90	2151	3,641 96		
	"	2302	908 16	4,550.12	
	M.D. 92	802	581.85		
	"	71726	961.69		
	"	72010	1,456.97		
	"	74825	575.64	3,576.15	8,126.27
D 11	M.D. 133	70797	1,374.29	1,374.29	
	I.D. 134	71131	7,508.26	7,508 26	8,882.55
D 12	I.D. 131	71039	1,083.95	1,083.95	
	I.D. 138	71276	1,489.65		
	"	71442	2,240 42		
	"	72557	3,707.86		
	"	73166	421.20	7,859.13	
	I.D. 139	71596	1,445.76		
	"	71659	201.99		
	"	71821	15,440.12	17,087.87	26,030.95
	Unemployment Insurance ..		2,307.02	2,307.02	2,307.02
			* \$231,089.68	\$231,089.68	\$231,089.68

* This expenditure included in Bridge Maintenance Statement—Appropriation 1532.

WINTER WORKS INCENTIVE PROGRAMME

Bridges—Maintenance & Replacements Main & Secondary Highways
Appropriation 1531

District	County M.D. or I.D.	File	Amount	Total I.D. or M.D.	Total District
D 9	County 15	72930	\$ 702.00	\$	\$
	"	72937	279.34	981.34	981.34
	Unemployment Insurance ..		13.20	13.20	13.20
		** \$	994.54	\$ 994.54	\$ 994.54

** This expenditure included in Bridge Maintenance Statement—Appropriation 1531

WINTER WORKS INCENTIVE PROGRAMME

Bridges—Maintenance & Replacements—Municipal & Improvement Districts
Bridge Approaches — Appropriation 1533

District	County M.D. or I.D.	File	Amount	Total I.D. or M.D.	Total District
D 12	I.D. 139	71821	\$ 2,348.68	\$ 2,348.68	\$ 2,348.68
	Unemployment Insurance ..		25.28	25.28	25.28
		*** \$	2,373.96	\$ 2,373.96	\$ 2,373.96

*** This expenditure included in Bridge Maintenance Statement—Appropriation 1533

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS
WINTER WORKS INCENTIVE PROGRAMME
MAINTENANCE OF BRIDGES AND PROTECTION WORKS
(This expenditure included in Bridge Maintenance Statement —
Appropriations 1531, 1532, 1533)

District	I.D., M.D. or County	Amount	District Total
1	County 4	\$ 793.54	\$ 793.54
2	M.D. 6	9,145.36	
	M.D. 25	2,368.36	
	M.D. 26	7,282.51	18,796.23
3	M.D. 47	1,682.93	
	M.D. 53	648.07	
	County 6	1,580.72	
	S.A. 3	1,268.30	5,180.02
4	M.D. 31	11,817.75	
	M.D. 44	3,066.22	
	I.D. 946	759.15	
	County 2	15,562.52	
	County 16	12,853.26	
	County 17	13,243.63	57,302.53
5	M.D. 81	6,487.26	
	M.D. 82	479.59	6,966.85
6	M.D. 48	1,813.35	
	M.D. 55	9,690.71	
	I.D. 65	5,534.81	
	I.D. 68	1,288.56	
	County 3	5,460.79	
	County 14	4,298.81	28,087.03
7	I.D. 101	4,225.98	
	I.D. 102	5,733.87	
	I.D. 107	7,673.06	17,632.91
8	M.D. 75	2,915.23	
	M.D. 84	3,041.55	
	M.D. 93	8,563.20	
	I.D. 95	8,038.56	22,558.54
9	M.D. 90	4,550.12	
	M.D. 92	3,576.15	
	County 7	333.46	
	County 12	1,459.54	
	County 13	369.54	
	County 15	19,986.64	30,275.45
11	M.D. 133	1,374.29	
	I.D. 134	7,508.26	
	County 1	7,257.40	16,139.95
12	I.D. 131	1,083.95	
	I.D. 138	7,859.13	
	I.D. 139	19,436.55	28,379.63
	Unemployment Insurance	2,345.50	2,345.50
	Appropriation 1531, 1532, 1533 (Part)		\$234,458.18

WINTER WORKS INCENTIVE PROGRAMME

Bridge Construction

This expenditure included in Bridge Construction Statement
Appropriation — 1583

D 6	M.D. 55	File 1894	\$18,914.25
D 8	I.D. 109	File 75371	5,418.55
D 9	M.D. 92	File 13371	5,160.87
		Unemployment Insurance	253.11

SUMMARY

Appropriation S.W. 1 & 36		\$ 858,685.15
"	1531	994.54
"	1532	231,089.68
"	1533	2,373.96
"	1583	29,746.78
		<u>\$1,122,890.11</u>

GOVERNMENT OF THE PROVINCE OF ALBERTA

DEPARTMENT OF HIGHWAYS

EXPENDITURE ON OPERATION, MAINTENANCE, REPLACEMENT
AND CONSTRUCTION OF FERRIES

For the Year Ended March 31, 1962

Location	River	Operation and Maintenance	Replacement and Installation	Construction	Total
Desjarlais	North Saskatchewan	\$ 7,341.38		\$	\$ 7,341.38
Dorothy	Red Deer	3,524.99	14.94		3,539.93
Pakan	North Saskatchewan	6,433.26			6,433.26
Garrington	Red Deer	6,757.58			6,757.58
*North of Lloydminster	North Saskatchewan	4,821.66			4,821.66
To'man Crossing	Red Deer	6,738.55			6,738.55
Lett's Crossing	Pembina	3,309.96	69.96		3,379.92
Shandro	North Saskatchewan	8,173.43			8,173.43
Hopkins	North Saskatchewan	2,889.48			2,889.48
Lac Ste. Anne	Narrows-Lac S.e. Anne	3,163.51			3,163.51
Eldorena	North Saskatchewan	5,994.98	1,551.14		7,546.12
South of Holborn	North Saskatchewan	5,503.88			5,503.88
Bow Island	South Saskatchewan	15,787.25			15,787.25
North of Myrnam	North Saskatchewan	6,541.65			6,541.65
Genesee	North Saskatchewan	10,972.57	2,082.01		13,054.58
Steveville	Red Deer	10,785.07	494.94		11,280.01
West of Munson	Red Deer	3,201.41			3,201.41
Berrymoor	North Saskatchewan	6,573.32			6,573.32
Finnegan	Red Deer	10,530.31			10,530.31
Linlbergh	North Saskatchewan	2,698.52			2,698.52
Vinca Crossing	North Saskatchewan	8,584.18			8,584.18
North of Jenner	Red Deer	3,251.72			3,215.72
Gregory Crossing	Red Deer	151.67			151.67
La Crete	Peace River	23,511.82	1,028.37	19,908.27	44,448.46
South of Falher	Little Smoky	9,332.61	5,122.20		14,454.81
Klondyke Crossing	Athabasca	9,556.39	12,736.01		22,292.40
South of Wembley	Wapiti	6,625.65	8,797.72		15,423.37
South of Crowfoot	Bow	6,197.70			6,197.70
South of Rolling Hills	Bow	5,648.72			5,648.72
Waskatenau	North Saskatchewan	9,903.77			9,903.77
North of Blairidge	Athabasca	10,986.13	1,058.28		12,044.41
South of Bindloss	South Saskatchewan	4,443.40			4,443.40
North of At'ee	Red Deer	29.37			29.37
South of Empress	South Saskatchewan	4,246.26			4,246.26
Rosevear	McLeod	5,494.71			5,494.71
Warspite	North Saskatchewan	7,015.37	1,595.91		8,611.28
Fort Vermilion	Peace	24,886.18	3,793.88		28,680.05
Heinsburg	North Saskatchewan	9,334.32			9,334.32
General—Head Office Supervision		55.20			55.20
Unemployment Insurance		2,086.80	97.54	91.59	2,275.93
		<u>\$283,084.73</u>	<u>\$38,442.90</u>	<u>\$19,999.86</u>	<u>\$341,527.49</u>

Income Account — Appropriation 1511 \$321,527.63

Capital Account — Appropriation 1582 19,999.86

TOTAL \$341,527.49

*This ferry on the 4th Meridian and operated by the Province of Saskatchewan, the Province of Alberta paying 50% of the operating costs.

DEPARTMENT OF HIGHWAYS

CONSTRUCTION BRANCH

(R. H. CRONKHITE, Chief Construction Engineer)

During the 1961-62 construction season, 327.84 miles of subgrade construction were completed, 41.47 miles of subgrade were widened and 360.47 miles of highways were gravel surfaced.

In addition, 169.02 miles of stabilized gravel base course, with the top lift asphalt bound, and 58.85 miles of cement stabilized base course were placed. 306.72 miles of asphaltic plant mix surface course, 260.57 miles of asphaltic seal coat and 73.42 miles of double asphaltic surface treatment were completed. 957 miles of centreline striping and 775 miles of solid yellow shoulder line striping were painted.

Construction commenced on the Red Deer Bypass from S. of Red Deer to N. of Lacombe following new alignment west of existing Highway No. 2. Four grading contracts were awarded, with two of the contracts having completion dates in 1962. This is a four lane divided highway 24.55 miles in length, and includes five interchanges and three highway-railway separations. 20.59 miles of grading on four lanes and 5.49 miles of interchange grading were completed on this project during the season.

At the junction of Highways 16 and 43, two additional lanes were constructed on Highway 16 to give four lanes of divided highway, and an interchange was constructed. This work amounted to 3.72 miles of subgrade construction.

Asphaltic plant mix surfacing was also carried out on four lane divided highways from the junction of Highway 23 to south of Nanton and from Nisku to south of Leduc, on Highway No. 2, and from Lethbridge to Coaldale on Highway No. 3. Asphaltic plant mix surfacing was also completed on the four lane undivided Highway No. 2 from Edmonton to St. Albert and on the two additional lanes of the four lane divided highway from Winterburn to Spruce Grove on Highway 16.

Soil-cement stabilized base course construction continued with 58.85 miles completed during the season. Of this, 45.89 miles covered four contracts awarded this year; from Wainwright to North of Heath, from Three Hills to Huxley, from Hay Lakes to South of Looma and from South of Blackie to Junction Highway 2. The remaining 12.96 miles covered the contract from Spruce Grove to East of Highway 43 awarded late in the previous year.

The programme of double asphaltic surface treatment commenced in 1959 was extended by 73.42 miles. Of this, 54.78 miles were constructed under five new contracts which were awarded during the season.

Under the Federal-Provincial Roads to Resources Agreement, three new subgrade construction contracts were entered into covering 23.46 miles from North of Grimshaw to North of Dixonville, 42.87 miles from Meander River to Steen River and 31.05 miles from Steen River to North Provincial Boundary. A total of 68.73 miles of subgrade was constructed this year, which includes work done under contracts not completed in 1960 and the contracts awarded in 1961. This mileage is included in the

total for subgrade construction quoted above. During the winter, one contract was awarded for the clearing of the right-of-way from North of Dixonville to North Star covering 20.70 miles.

Under the programme of constructing access roads to towns, adjacent to main and secondary highways, six projects of grade construction covering 16.54 miles, eight projects of gravel surfacing covering 18.56 miles, two projects of stabilized gravel base course covering 2.05 miles, one project of soil-cement base course covering 0.13 miles, four projects of asphaltic plant mix surface course covering 4.67 miles and two projects of double asphaltic surface treatment covering 1.47 miles, were completed. These mileages are included in the totals quoted above.

During the winter, the following work was carried out, sixteen projects of stockpiling pit-run gravel, and nine projects of crushing and stockpiling $\frac{1}{2}$ inch aggregate. In addition to this, clearing was done on Highway 35, from North of Dixonville to North Star, a distance of 20.70 miles, and on Highway 44, from North of Chisholm to North of Hondo, a distance of 9.42 miles.

On winter stockpiling, the system of truck registration and rotation was carried out, as before, with 1,852 trucks being registered. The quota, or amount of earnings that a truck was permitted to make was set at \$1,000.00. As the season advanced and additional work became evident, the quota was increased by another \$200.00 to a total of \$1,200.00.

On one hundred and thirty-seven projects under construction, 1,834 shifts totalling 18,340 hours were lost due to wet weather. This represented a decrease in time lost over the previous year when 2,485 shifts or 24,850 hours were lost. At the end of the 1961 season, approximately one percent of the subgrade construction, five percent of base course construction and one percent of asphaltic surface course construction remained uncompleted.

Design and control testing on all phases of Main Highway construction during the 1961-62 construction year was carried out by a staff of approximately 109 Materials Inspectors stationed in field offices supervised by Resident Highway Engineers and approximately 25 Materials Inspectors and Technicians in the Highways Testing Laboratory under the supervision of the Testing Engineer. The number of Field Inspectors varied depending on the number of projects in progress at one time. Similarly, the Laboratory Personnel varied with the seasonal variation in volume of work. A maximum of 40 employees were on staff at the Laboratory for a short period of time.

Approximately 64,500 field tests were conducted which comprised construction control testing, gravel search tests, California Bearing Ratio tests and Benkelman Beam tests.

Four crews were employed to locate and test prospective gravel pits for future construction. Three crews were employed for conducting C. B. R. tests on constructed subgrades for base course design information, and five crews were employed for Benkelman Beam tests for pavement evaluation and road ban control purposes during the frost-free season.

Approximately 40,000 tests were performed in the Highways Testing Laboratory. This number consisted of design and construction control testing, as well as a limited amount of research testing. The design testing

consisted of Marshall Stability pavement designs, proctor tests, soil-cement designs and the allied tests such as cement and asphalt contents, moisture contents, Atterberg limits and sieve analyses. Some field control tests were carried out in the Edmonton Laboratory, such as compressive strength tests for soil-cement construction. A considerable amount of investigational work in the field of lime and asphalt stabilization was performed as an alternate to soil-cement base course stabilization.

Approximately 468 manual classification traffic counts were taken on highways at various locations throughout the province. In addition, a programme of speed studies was undertaken to establish realistic speed zones and to check speeds at accident-prone locations. Twenty-six speed studies were carried out.

Two Origin-Destination surveys were conducted during the past fiscal year, one on Highway 38 in Jasper Place and the other at Lethbridge.

Twenty-one accident-prone locations were checked during the continuing study of accident records.

In addition to approving all subdivision applications adjacent to the highways, approximately 237 development permits were processed.

An intensive program of signing and guard rail installation has been undertaken. During the year, 98,752 feet of guard rail and 7,766 guide posts were installed. Oversize signs were erected at Leduc and Jasper Place interchanges.

Thirty applications to the Board of Transport Commissioners were made for the installation of protection at Highway-Railway grade crossings in 1961, of which five were approved, one was rejected and twenty-four are pending. Eighteen installations of protection were made by the Railway Companies, of which sixteen were of previous approval and two of current approval.

The street paving and sidewalk programme for towns, villages and hamlets, which was commenced in 1960 was continued in 1961. During the season, agreements were finalized for 66 towns and villages, and for 9 hamlets located in Municipal Districts and Counties. In addition, the Department carried out projects in 13 Improvement District Hamlets, work being done by contract in 10 and by day labour in 3. A total of 94 concrete sidewalk, curb and gutter projects and 13 street paving projects were underway, including work carried over from last season in 20 areas. Ninety-five of these projects were carried out by contract and 12 were done by local forces on a day labour basis. Construction completed in 1961 totalled 97.96 miles of concrete sidewalks, 27.52 miles of concrete curbing and gutter and 142,545 square yards of high standard street paving.

One Engineer from India was attached to the Branch for two and a half months, under the Colombo Plan, for training and instruction.

Mr. A. M. Paull, Chief Construction Engineer, retired October 31, 1961, after 38 years service with the Department.

The following is a statement of the work performed during the year ending March 31st, 1962:—

DEPARTMENT OF HIGHWAYS
CONSTRUCTION BRANCH
HIGHWAY CONSTRUCTION 1961/62
GRADING — MAIN HIGHWAYS

Highway	Location	Miles	Type	Width in Feet	Work Done By Contract
1-X	Jct. Hwy. 1—Jct. Hwy. 1A (Seebe Connection)	.63	Subgrade	50	Contract
2-B-2	Parkland—Stavely	8.09	"	52	"
2-C-3/1	South of Red Deer—Red Deer River & Interchange	3.82	"	51-51	"
		.49	"	Variable	"
2-D-1/1	Red Deer River—North of Hwy. 11 & Interchange	3.77	"	51-51	"
		3.24	"	Variable	"
2-D-1/2	North of Hwy. 11—S. of Hwy. 12	8.43	"	51-51	"
2-D-1/3	South of Hwy. 12—N. of Lacombe & Interchange	4.57	"	(4-lane)	"
		1.76	"	Variable	"
2-E-2	Clyde Corner—North of Nestow	2.54	"	42	"
2-E-2	N. of Nestow—W. of Rochester	10.71	"	42	"
2-F-4	Assineau River Revision	1.89	"	42	D.O.H.
2-F-4	Swan River Revision	1.96	"	42	"
2-H-1	Peace River—Jct. Hwy. 35	.06	"	52	Contract
2-H-2	N. of Dunvegan—S. W. of Fairview	7.32	"	50	"
2-H-2	Dunvegan Bridge—N. of Dunvegan	.79	"	59	D.O.H.
2-J-1	E. of Woking—Rycroft	3.05	"	50	Contract
2A-G-3	McLennan—Donnelly	5.64	"	32	D.O.H.
3-A-3	Through Town of Coaldale	.44	"	60	"
3-B-2	W. of Fort Macleod—W. of Brocket	18.80	Subgrade Widening	50	Contract
4-A-1	Stirling—Warner	19.48	"	52	"
12-A	N. of Loyalist—E. of Consort	9.47	Subgrade Construction	42	"
16-A-1	Blackfoot Revision	2.46	"	50	D.O.H.
16-C-1	Interchange Hwys. 16 & 16A	.58	"	Variable	Contract
16-C-1	Overpass E. of Spruce Grove	.26	"	44-44	"
16-C-1 & 2	E. of Jct. Hwy 43—W. of Jct. Hwy. 43 & Interchange	2.02	Subg. Construction (Add'l. 2 lanes)	51	D.O.H.
		1.70	"	Variable	"
16-C-3	Entwistle—W. of Styal	6.88	"	Variable	Contract
16-D-2	Edson—E. of Sundance Creek	3.19	Subgrade Widening	50	"
28-C-2	Ardmore—Grand Centre	12.69	Subgrade Construction	42	Contract
36-C-1	N. of Red Deer River—W. of Pollockville	7.20	"	42	"
36-C-2	W. of Pollockville—W. of Sunnynook	12.38	"	42	"
TOTAL		166.31 Miles			
Subgrade Construction		124.84 Miles	By Contract	149.41 Miles	
Subgrade Widening		41.47 Miles	By D.O.H.	16.90 Miles	
TOTAL		166.31 Miles	TOTAL	166.31 Miles	

DEPARTMENT OF HIGHWAYS — CONSTRUCTION BRANCH
HIGHWAY CONSTRUCTION 1961/62
GRADING — SECONDARY HIGHWAYS

Highway	Location	Miles	Type	Width in Feet	Work Done By
20-A	Bentley—Sylvan Lake	10.09	Subgrade	Construction	Contract
21-A-1	Revision at Trochu	.60	"	"	D.O.H.
21-B-1	Jct. Hwy. 12—Mirror	6.55	"	"	Contract
21-B-1	Mirror—Bashaw	9.56	"	"	"
27-B-1	Jct. Hwy. 2—Torrington	13.69	"	"	D.O.H.
35-A-1	Grimshaw—North of Grimshaw	.50	"	42	Contract
35-B-2	Kemp Creek—North of Metis Settlement	.96	"	52	
35-C-1	High Level—Meander River	.40	"	42	"
35-C-2	Meander River—Steen River	42.87	"	42	"
35-C-3	Steen River—North Provincial Boundary	24.00	"	42	"
41-A-2	Vermilion—North of Vermilion	3.70	"	42	D.O.H.
41-C-4	South of Sandy Point—West of Hilda	13.10	"	42	Contract
42-A	West of Pine Lake—East of Pine Lake	6.19	"	42	"
44-A-2	East of Flatbush—North of Tieland	10.42	"	42	"
45-A-1	Jct. Hwy. 15—Deerland	10.90	"	42	"
46-A	Jct. Hwy. 28—Abee	14.03	"	42	"
49-A-2	Watino—Eaglesham Corner	10.20	"	42	D.O.H.
TOTAL		177.76 Miles			
Subgrade Construction		177.76 Miles	By Contract	149.57 Miles	
			By D.O.H.	28.19 Miles	
			TOTAL	177.76 Miles	
43:35	Ashmont—South of Mallaig	8.70	Subgrade	Construction	Contract
43:108	Jct. Hwy. 13—Cadogan	6.55	Subgrade	Construction	Contract
43:110	" " 36—Scandia	1.20	"	"	D.O.H.
43:112	" " 49—Tangent	5.16	"	"	"
43:113	" " 56—Morrin	1.50	"	"	"
43:114	" " 54—Dickson	2.01	"	"	"
43:116	" " 28—Vilna	.12	"	"	"
TOTAL		16.54 Miles	By Contract	6.55 Miles	
Subgrade Construction		16.54 Miles	By D.O.H.	9.99 Miles	
			TOTAL	16.54 Miles	
GRADING — SUMMARY					
Main Highways		Secondary Highways	Access Roads	Miscellaneous	Total
Subgrade Construction	124.84 Miles	177.76 Miles	16.54 Miles	8.70 Miles	327.84 Miles
Subgrade Widening	41.47 Miles	—	—	—	41.47 Miles
TOTALS	166.31 Miles	177.76 Miles	16.54 Miles	8.70 Miles	369.31 Miles
By Contract	149.41 Miles	149.57 Miles	6.55 Miles	8.70 Miles	314.23 Miles
By Department of Highways	16.90 Miles	28.19 Miles	9.99 Miles	—	55.08 Miles
TOTALS	166.31 Miles	177.76 Miles	16.54 Miles	8.70 Miles	369.31 Miles

DEPARTMENT OF HIGHWAYS
CONSTRUCTION BRANCH

HIGHWAY CONTRUCTION — 1961/62

FIRST COURSE GRAVEL SURFACING — MAIN HIGHWAYS

Highway	Location	Miles	Work Done By
2-E-2	Clyde Corner—North of Nestow	5.86	Contract
2-E-2	North of Nestow—West of Rochester	10.71	"
2-F-3	Moose River Revision .....	.54	D.O.H.
2-F-4	Swan River Revision	1.96	"
2-H-2	Dunvegan Bridge—North of Dunvegan	1.39	Contract
2-H-2	North of Dunvegan—South West of Fairview	7.32	"
2-J-1	East of Woking—Rycroft	3.05	"
2A-G-3	McLennan—Donnelly	7.74	D.O.H.
12-A	North of Loyalist—East of Consort	9.47	Contract
28-C-2	Ardmore—Grand Centre	12.69	"
36-C-1	North of Red Deer River—West of Pollockville	10.63	"
36-C-2	West of Pollockville—West of Sunnynook	12.38	"
TOTAL		83.74 Miles	
By Contract		73.50 Miles	
By D.O.H.		10.24 Miles	
TOTAL		83.74 Miles	

FIRST COURSE GRAVEL SURFACING — SECONDARY HIGHWAYS

Highway	Location	Miles	Work Done By
18-B	Swan Hills—Jct. Judy Creek Road .....	.60	D.O.H.
20-A	Bentley—Sylvan Lake	10.09	Contract
21-B-1	Junction Highway 12—Mirror	6.55	Contract
21-B-1	Mirror—Bashaw	10.63	"
27-B-1	Junction Highway 2—Torrington	13.69	D.O.H.
35-B-1, 2 & 3	North of Hotchkiss—High Level	45.72	"
35-B-2	Kemp Creek—North of Metis Settlement	10.54	"
35-C-1	High Level—Meander River	8.11	Contract
35-C-2	Meander River—Steen River	42.87	"
35-C-3	Steen River—North Provincial Boundary	19.50	"
41-C-3	South Sask. River—South of Sandy Point	5.61	D.O.H.
41-C-4	South of Sandy Point—West of Hilda	13.10	Contract
42-A	West of Pine Lake—East of Pine Lake	6.19	D.O.H.
44-A-2	East of Flatbush—North of Tieland	10.42	Contract
45-A-1	Junction Highway 15—Deerland	10.90	"
46-A	Junction Highway 28—Abee	14.03	"
49-A-2	Watino—Eaglesham Corner	10.20	D.O.H.
TOTAL		238.75 Miles	
By Contract		146.20 Miles	
By D.O.H.		92.55 Miles	
TOTAL		238.75 Miles	

MISCELLANEOUS

43:35	Ashmont—South of Mallaig	3.75 Miles	Contract
-------	--------------------------------	------------	----------

DEPARTMENT OF HIGHWAYS
CONSTRUCTION BRANCH

HIGHWAY CONSTRUCTION 1961/62

FIRST COURSE GRAVEL SURFACING — ACCESS ROADS

Highway	Location		Miles	Work Done By
43:103	Junction Hwy. No. 2	— Clyde .....	.52	D.O.H. (2nd Lift)
43:106	" " " 36	— Duchess	1.50	" " "
43:108	" " " 13	— Cadogan	6.55	Contract
43:110	" " " 36	— Scandia	1.20	D.O.H.
43:112	" " " 49	— Tangent	5.16	"
43:113	" " " 56	— Morrin	1.50	"
43:114	" " " 54	— Dickson	2.01	"
43:116	" " " 28	— Vilna .....	.12	"
TOTAL			18.56 Miles	

By Contract 6.55 Miles

By D.O.H. 12.01 Miles

TOTAL 18.56 Miles

REPLACEMENT GRAVEL SURFACING — MAIN HIGHWAYS

Highway	Location	Miles	Work Done By
13-A	West of Provost—Sask. Boundary	15.67	D.O.H.

GRAVELLING — SUMMARY

	Main Highways	Secondary Highways	Access Roads	Miscellaneous	Totals
First Course Graveling	83.74	238.75	18.56	3.75	344.80 Miles
Replacement Graveling	15.67	—	—	—	15.67 Miles
TOTALS	99.41	238.75	18.56	3.75	360.47 Miles
By Contract	73.50	146.20	6.55	3.75	230.00 Miles
By Department of Highways	25.91	92.55	12.01	—	130.47 Miles
TOTALS	99.41	238.75	18.56	3.75	360.47 Miles

DEPARTMENT OF HIGHWAYS
CONSTRUCTION BRANCH

HIGHWAY CONSTRUCTION — 1961-62
STABILIZED BASE COURSE — MAIN HIGHWAYS

HIGHWAY	LOCATION	MILES	TYPE OF WORK	WORK DONE BY
1-X	Jct. Hwy. 1—Jct. Hwy. 1A (Seebe Connection)	2.61	Asphalt Stabilized	Contract
2-B-2	Parkland—Stavelly	7.89	" "	"
2-D-3	Nisku—South of Leduc	2.52	" " (4-lane)	"
	& Interchanges	.65	" "	"
2-E-1	Edmonton—St. Albert	1.82	" " (4-lane)	"
2-G-3	Little Smoky River—N. of Little Smoky River	3.39	" "	D.O.H.
2-H-1	Peace River—Junction Highway 35	5.26	" "	Contract
2-H-2	Dunvegan Bridge—North of Dunvegan Bridge	2.90	" "	D.O.H.
2-J-1	Dunvegan Bridge—Rycroft	12.40	" "	"
3-A-3	Through Town of Coaldale	.44	" " (4-lane)	Contract
3-B-2	West of Fort Macleod—West of Brocket	6.80	" "	"
4-A-1	Lethbridge—Stirling	.75	" "	"
4-A-1	Stirling—Warner	19.48	" "	"
12-B-1	Fleet—Coronation	14.20	" "	"
14-A	Wainwright—North of Heath	10.14	Cement Stabilized & Top Lift Asphalt Bound	"
16-C-1	Interchange Highways 16 & 16A	2.08	Asphalt Stabilized	"
16-C-1	Overpass East of Spruce Grove	1.66	" " (4-lane)	"
16-C-1	Spruce Grove—East of Jct. Hwy. 43	12.96	Cement Stabilized & Top Lift Asphalt Bound (Add'l 2-lane)	"
16-D-2	Edson—East of Sundance Creek	4.88	Asphalt Stabilized	"
28-B-1	East of Smoky Lake—East of Bellis	11.73	" "	"
34-A-1	Junction Highway 2—East of New Fish Creek	14.30	" "	D.O.H.
34-A-1	East of New Fish Creek—Valleyview	8.15	" "	"
36-D-1	Taber—Oldman River	12.53	" "	Contract
	TOTAL	159.54	Miles	
	Asphalt Stabilized	136.44	Miles	
	Cement Stabilized	23.10	Miles	
	TOTAL	159.54	Miles	
	By Contract	118.40	Miles	
	By D.O.H.	41.14	Miles	
	TOTAL	159.54	Miles	

DEPARTMENT OF HIGHWAYS
CONSTRUCTION BRANCH

HIGHWAY CONSTRUCTION — 1961/62
STABILIZED BASE COURSE — SECONDARY HIGHWAYS

HIGHWAY	LOCATION	MILES	TYPE OF WORK	WORK DONE BY
18-A-1	West of Pembina River — Barrhead Corner	10.26	Asphalt Stabilized	Contract
21-A-1 & 2	Three Hills — Huxley	13.86	Cement Stabilized & Top Lift Asphalt Bound	"
21-A-2	Delburne — Junction Highway No. 12	14.82	Asphalt Stabilized	D.O.H.
21-B-3	Hay Lakes — South of Looma	11.43	Cement Stabilized & Top Lift Asphalt Bound	Contract
23-A-2	South of Blackie — Junction Highway 2	10.33	Cement Stabilized & Top Lift Asphalt Bound	"
35-A-1	Grimshaw — North of Grimshaw	3.38	Asphalt Stabilized	"
	TOTAL	64.08 Miles		
	By Contract	49.26 Miles		
	By D.O.H.	14.82 Miles		
	TOTAL	64.08 Miles		
	Asphalt Stabilized	28.46 Miles		
	Cement Stabilized	35.62 Miles		
	TOTAL	64.08 Miles		

STABILIZED BASE COURSE — ACCESS ROADS

HIGHWAY	LOCATION	MILES	TYPE OF WORK	WORK DONE BY
43:65	Jct. Hwy. 12 — Coronation .....	.17	Asphalt Stabilized	Contract
43:70	Jct. Hwy. 21 — Trochu .....	.13	Cement Stabilized & Top Lift Asphalt Bound	"
43:98	Jct. Hwy. 18 — Barrhead	1.88	Asphalt Stabilized	"
	TOTAL	2.18 Miles		
	Asphalt Stabilized	2.05 Miles		
	Cement Stabilized .....	.13 Miles		
	TOTAL	2.18 Miles		
	By Contract	2.18 Miles		

MISCELLANEOUS

HIGHWAY	LOCATION	MILES	TYPE OF WORK	WORK DONE BY
40:00 E-240	Through Town of Forest Lawn	2.07	Asphalt Stabilized	Contract
	TOTAL	2.07 Miles		

DEPARTMENT OF HIGHWAYS
CONSTRUCTION BRANCH

HIGHWAY CONSTRUCTION 1961/62
ASPHALTIC SURFACING — MAIN HIGHWAYS

HIGHWAY	LOCATION	MILES	TYPE OF WORK					WORK DONE BY
2-B-2	Junction Hwy. 23 - East of Cayley	8.23	4"	Plant	Mix	Surface	Course (4-lane)	Contract
2-B-2	East of Cayley - Nanton	7.52	4"	"	"	"	"	"
2-B-2	Nanton - Parkland	2.09	4"	"	"	"	"	"
"	"	6.33	4"	"	"	"	(2-lane)	"
2-D-2	North of Wetaskiwin - South of Millet	1.70	Seal Coat					D.O.H.
2-D-3	Nisku - South of Leduc & Interchanges	4.48	4"	Plant	Mix	Surface	Course (Add'l. 2 lanes)	Contract
"	" " " " " "	3.08	4"	"	"	"	"	"
"	" " " " " "	3.61	4"	"	"	"	"	"
2-E-1	Edmonton - St. Albert	4.82	4"	"	"	"	(4-lane)	"
2-G-4	Donnelly - Peace River	39.85	Seal Coat					D.O.H.
2-H-1 & 2	Berwyn - Fairview	30.13	" "					"
2-K-2	Hythe - B.C. Boundary	20.59	" "					"
3-A-3	Lethbridge - Coaldale	8.85	4"	Plant	Mix	Surface	Course (4-lane)	Contract
4-A-1	Lethbridge - Stirling	19.03	4"	"	"	"	"	"
6-A	Junction Hwy. 3 - Drywood River	16.24	4"	"	"	"	"	"
9-B-1 & 2	Delia - Youngstown	51.62	Seal Coat					D.O.H.
9-C-1 & 2	Cereal - Oyen Corner	14.74	4"	Plant	Mix	Surface	Course	Contract
13-A & B-1	Amisk - North of Metiskow	22.18	4"	"	"	"	"	"
16-C-1	Interchange Highways 16 & 16A	2.08	4"	"	"	"	"	"
16-C-1	Winterburn - Spruce Grove	9.23	4"	Plant	Mix	Surface	Course (Add'l. 2 lanes)	"
16-C-2	North of Dufield - Seba Corner	16.75	4"	Plant	Mix	Surface	Course	"
28-B-1	Warspite - East of Smoky Lake	10.84	4"	"	"	"	"	"
28-B-2	Ashmont - St. Brides	10.50	2"	Plant	Mix	Surface	Course (2nd Lift)	"
28-C-1	Grand Centre - Cold Lake	5.24	4"	"	"	"	"	"
34-A-2 & 3	Valleyview - Smoky River	42.55	Seal Coat					D.O.H.
34-A-3	Smoky River - Junction Hwy. 2 -	21.50	4"	Plant	Mix	Surface	Course (Re-Cap)	Contract
36-B-3	North Saskatchewan River - St. Brides	4.30	Double Asphaltic Surface Treat.					"
"	" " " " " "	8.39	" " " " " "					(2nd Lift) "
43-A-2	Sangudo - Whitecourt	25.57	2"	Plant	Mix	Surface	Course (2nd Lift)	D.O.H.
"	" " " " " "	4.43	4"	"	"	"	"	"
"	" " " " " "	8.35	2"	"	"	"	" (1st Lift)	"
43-B-1 & 2	Two Creeks - South of Little Smoky	35.80	Seal Coat					"
43-B-2	South of Little Smoky - Valleyview	38.33	" "					"
TOTAL		508.95	Miles					
By Contract		210.03	Miles					
By D.O.H.		298.92	Miles					
TOTAL		508.95	Miles					

DEPARTMENT OF HIGHWAYS
CONSTRUCTION BRANCH

HIGHWAY CONSTRUCTION 1961/62
ASPHALTIC SURFACING — SECONDARY HIGHWAYS

HIGHWAY	LOCATION	MILES	TYPE	WORK DONE BY
7-A	Black Diamond - Longview	11.03	Double Asphaltic Surface Treatment	Contract
12-D-1	Bentley - Rimbey	16.16	4" Plant Mix Surface Course	"
18-A-1	Westlock - West of Pembina R'ver	12.68	4" " " " " " (Re-Cap)	"
18-A-1	West of Clyde Cor. - East of Westlock	1.21	2" " " " " " " " " " " "	"
21-A-1	Junction Highway No. 9 - Three Hills	10.34	4" " " " " " " " " " " "	"
"	" " " " " " " " " " " "	12.26	2" " " " " " " " " " " "	"
22-A	South of Midnapore - Priddis Corner	10.83	Double Asphaltic Surface Treatment	"
33-A	Junction Highway 43 - Alberta Beach	6.45	" " " " " " " " " " " "	"
50-A	Tees - Mirror	8.98	" " " " " " " " " " " "	"
56-A-1 & 2	Big Valley - Morrin Corner	5.45	" " " " " " " " " " " "	"
"	" " " " " " " " " " " "	.50	" " " " " " " " " " " "	" (2nd Lift)
57-A-1	South of Moon Lake - Drayton Valley	11.74	4" Plant Mix Surface Course	"
61-A-1	Junction Highway 4 - Wrentham	15.92	Double Asphaltic Surface Treatment	"
TOTAL		123.65 Miles		

ACCESS ROADS

43:54	Junction Highway 21 - Three Hills	1.03	4" Plant Mix Surface Course	Contract
43:55	Junction Highway 56 - B'g Valley .....	.96	Double Asphaltic Surface Treatment	"
43:76	Junction Highway 6 - Pincher Creek .....	.60	4" Plant Mix Surface Course	"
43:101	Junction Highway 2 - Wembley	1.02	4" " " " " " " " " " " "	"
43:105	Jct. Hwy. 2 - Saskatoon Mountain	2.02	2" " " " " " " " " " " "	"
43:111	Junction Highway 12 - Clive .....	.51	Double Asphaltic Surface Treatment	"
TOTAL		6.14 Miles		

MISCELLANEOUS

40:00-E-240	Town of Forest Lawn	1.97	4" Plant Mix Surface Course	Contract
-------------	---------------------------	------	-----------------------------	----------

STABILIZED BASE COURSE AND ASPHALT SURFACING — SUMMARY

STABILIZED GRAVEL BASE COURSE

By Contract	113.06 Miles
By Department of Highways	55.96 "

TOTAL 169.02 Miles

CEMENT STABILIZED BASE COURSE

By Contract	58.85 Miles
-------------------	-------------

ASPHALTIC PLANT MIX SURFACE COURSE

By Contract	268.37 Miles
By Department of Highways	38.35 "

TOTAL 306.72 Miles

SEAL COAT

By Department of Highways	260.57 Miles
---------------------------------	--------------

DOUBLE ASPHALTIC SURFACE TREATMENT

By Contract	73.42 Miles
-------------------	-------------

Stabilized Gravel Base Course 169.02 Miles

Cement Stabilized Base Course 58.85 "

Asphaltic Plant Mix Surface Course 306.72 "

Seal Coat 260.57 "

Double Asphaltic Surface Treatment 73.42 "

DEPARTMENT OF HIGHWAYS

MAIN HIGHWAYS BRANCH

HIGHWAY CONSTRUCTION 1961/62

SUMMARY OF MATERIALS

First Course Gravel Surfacing	287,901	Cubic Yards
Replacement Gravel Surfacing	12,564	" "
Subgrade Backfill Material	64,997	" "
Stabilized Base Course Gravel	2,745,276	Tons
Cement Stabilized Base Course Material	417,820	"
Asphalt Stabilized Base Course Material (Soil Cement)	147,774	"
Asphaltic Surfacing Aggregate	1,055,999	"
Shouldering Aggregate	280,835	"
Double Asphaltic Surface Treatment Aggregate	45,366	Cubic Yards
Seal Coat ½" Chips	34,398	" "
Granular Supply for Culverts	30,400	" "
Total Asphalt Used	24,017,740	Gallons
Total Cement Used	26,752	Tons

TOTAL GRAVEL AND SAND MATERIAL TAKEN OUT UNDER ALL PROJECTS

	Department of Highways	Contract	Total Cubic Yards
Pit Run to Trucks	51,212	40,498	91,710
Pit Run to Stockpile	1,274,333	—	1,274,333
Pit Run Stockpile to Trucks	202	3,485	3,687
Crush to Trucks	55,672	2,046,528	2,102,200
Crush to Stockpile	145,535	4,835	150,370
Crush Pit Run Stockpile to Trucks	13,127	618,602	631,729
Crushed Stockpile to Trucks	711,730	10,537	722,267
Soil Material to Trucks	—	363,322	363,322
Pit Run Stockpile to Crushed Stockpile	485,152	1,889	487,041
TOTALS	2,736,963	3,089,696	5,826,659

PROTECTION AT RAILWAY CROSSINGS AT GRADE

Highway	Location	Railway	Type of Protection
2	1½ Miles North of Cardston	C.P.R.	Flashing Light Signals and Bell
2	At Rycroft	N.A.R.	" " " " " "
5	1 Mile South-West of Spring Coulee	C.P.R.	" " " " " "
9	3½ Miles East of Cereal	C.N.R.	" " " " " "
11	6½ Miles West of Sylvan Lake	"	" " " " " "
12	At Bentley	C.P.R.	" " " " " "
12	At Nugent	"	" " " " " "
15	4½ Miles South-West of Bruderheim	"	" " " " " "
28	3 Miles East of St. Paul	C.N.R.	" " " " " "
28	4½ Miles North of Namao	N.A.R.	" " " " " "
35	At Grimshaw	"	" " " " " "
41	At Oyen	C.N.R.	" " " " " "
45	At Bruderheim	C.P.R.	" " " " " "
45	At Beauvallon	"	" " " " " "
52	At Craddock	"	" " " " " "
53	2½ Miles North-East of Rimbey	"	" " " " " "
43:35	1 Mile North-East of Ashmont	C.N.R.	" " " " " "
43:35	7½ Miles North-East of Ashmont	"	" " " " " "

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS
MAIN HIGHWAY CONSTRUCTION
STATEMENT OF EXPENDITURE FROM APRIL 1, 1961 TO MARCH 31, 1962.
APPROPRIATION 1584

Project	Description	Total Expenditure	Engineering	Grading	Culverts	Guide Posts	Highway Signing	Compensation	Moving Power & Telephone Lines	Gravel Surfacing	Stabilized Base Course	Asphaltic Surface Course	Shouldering	Seal Coat	Centre Line Painting	Railway Crossing Protection
1 X	Jct. Hwy. #1 to Jct. Hwy. #1A-(Seebe Conn.)	\$ 138,977.54	\$ 14,755.86	\$ 26,342.10	\$ 797.09	\$	\$	\$ 560.00	\$	\$	\$ 96,466.53	\$	\$	\$	\$ 55.96	\$
1 A3	Suffield to Brooks	144.32													144.32	
1 B3/1	Gleichen Corner to Strathmore	75.74													75.74	
1 B3/2	Chestermere Lake to Calgary	4,550.34				193.50	4,356.84									
1 B3/2A	Strathmore to Chestermere Lake	4,848.43	132.74											4,579.67	136.02	
1 C1/1	Calgary to Bowness	51,985.41	1,788.07	154.83	468.68		159.13	49,350.00							64.70	
1 C1/2	Bowness to South of Cochrane	209.60													209.60	
1 C1/3	South of Cochrane to South of Radnor	340.74	290.30												50.44	
1 C2/1	South of Radnor to Kananaskis River	17,572.49	7,816.92	2,527.43	1,006.08			5,229.53		938.76					53.77	
1 C2/2	Kananaskis River to "The Gap"	70.80													70.80	
1 C2/3	"The Gap" to Banff Park Gates	68.95													68.95	
1 B1	Brooks to Bassano	64.53													64.53	
1 B2	Bassano to Gleichen Corner	611.78						287.00							324.78	
1 AC2	Radnor to Banff Park Gates	3,386.28		3,386.28												
2 A2	Cardston to Fort Macleod	958.90														958.90
2 B1	Fort Macleod to Stavelly	1,893.19	609.05												1,284.14	
2 B2	Stavelly to High River	1,504,385.69	90,042.53	291,369.06	14,268.23		219.27	27,461.49	2,278.03	2,553.23	311,528.64	591,306.80	136,609.58	34,227.57	2,521.26	
2 B3	High River to Calgary	14,596.21	727.81											13,474.76	393.64	
2 B3	High River to Calgary - West Connection	18,483.29	18,483.29													
2 C1	Calgary to South of Didsbury	33,712.81		272.05		538.38	28,111.38	4,791.00								
2 C2	South of Didsbury to Bowden	9,547.37	30.00	7,487.75	36.00			1,265.00	115.37	489.05					124.20	
2 C3	Bowden to South of Red Deer	4,350.11	443.75	1,924.80	15.00		12.10	1,822.00							132.46	
2 C3/1	South of Red Deer to Red Deer River	553,147.45	39,023.73	338,956.04	47,830.79		216.22	20,696.13	519.58	3,466.04	102,340.42				98.50	
2 D1/1	Red Deer River to North of Jct. Hwy. #11	528,860.26	42,804.50	352,418.47	34,409.13	4.50	87.25	88,283.40	3,058.71	7,794.30						
2 D1/2	North of Hwy. #11 to South of Hwy. #12	1,003,267.73	74,401.72	761,726.30	21,979.23		285.14	136,972.16	909.50	6,993.68						
2 D1/3	South of Hwy. #12 to North of Lacombe	680,462.47	29,739.40	330,598.65	44,799.51			269,018.50	1,292.13	5,014.28						
2 D1/4	North of Lacombe to Jct. Hwy. #53	272.56	272.56													
2 D1	Red Deer to Ponoka	2,662.18	26.81			6.00	192.39	1,199.28							236.52	1,001.18
2 D2	Ponoka to Millet	21,500.93	3,286.77			9,603.90	3.04	5,047.50						3,342.13	217.59	
2 D3	Millet to Edmonton	643,690.16	27,182.74	37,041.74	127.51	55,809.17	15,666.42	61,392.25	112.26		105,712.31	285,124.16	38,517.75	11,880.18	4,915.18	208.49
2 D3/1	Jct. Hwy. #19 to West of Millet	402.33	402.33													
2 D3/2	West of Millet to South of Leduc	3,324.53	2,044.54	1,279.99												
2 E1	Edmonton to Legal	632,164.35	33,017.27	4,382.03	380.47	1,835.91		70,548.30	2,630.05		124,220.50	294,123.46	99,839.38		1,186.98	
2 E2	Legal to Rochester	366,255.44	29,490.22	236,473.77	9,837.67		1,129.17	52,085.53		37,239.08						
2 E3	Rochester to Athabasca	6,376.10	6,376.10													
2 F1	Athabasca to Lawrence Lake	80.67	80.67													
2 F2	Lawrence Lake to Smith	6,262.29	1,482.29					4,780.00								
2 F3	Smith to Slave Lake	4,965.04	48.04					4,917.00								
2 F4	Slave Lake to Kinuso	297,583.90	16,267.10	253,808.18	17,394.94		153.75	792.00	3,297.51	5,870.42						
2 G2	Arcadia to Triangle	265.00	265.00													
2 G3	Triangle to Donnelly	125,994.72	6,849.06					1,249.00			117,896.66					
2 AG3	Triangle to Donnelly via McLennan	173,431.05	16,920.14	117,227.67	11,961.52		81.21	5,368.45	140.52	21,704.06						27.48
2 G4	Donnelly to Peace River	69,853.63	748.49					500.00						64,663.20	3,941.94	
2 H1	Peace River to 6th Meridian	206,924.56	17,014.66	11,114.85	1,255.61	26,195.80		6,019.19	58.70		119,209.66			25,244.10	754.62	57.37
2 H2	6th Meridian to Dunvegan	477,506.46	30,041.41	250,148.66	18,440.26	17,684.13		21,696.61		20,363.31	87,797.28	9,058.83	2,069.09	19,820.43	386.45	
2 J1	Dunvegan to Woking	626,088.24	36,970.11	40,671.41	4,481.96	15,189.75		3,816.41	303.09	16,551.00	444,881.06	41,348.27	19,875.37	244.13	512.26	1,243.42
2 J2	Woking to Jct. Hwy. #34	910.00						910.00								
2 K1	Jct. Hwy. #34 to Beaverlodge	1,945.16						100.00							1,845.16	
2 K2	Beaverlodge to B. C. Bdry.	71,977.05	3,023.36		483.59			971.00						64,454.83	3,044.27	
3 A3	Taber to Lethbridge	402,594.60	20,548.66	5,352.59	69.64		69.60	7,890.00			2,705.83	290,009.51	48,334.95	26,955.85	657.97	
3 B2	Fort Macleod to Pincher	475,578.07	49,280.59	203,194.89	12,379.52		245.25	6,602.67			203,699.93				175.22	
3 B3	Pincher to Frank	8,503.66	7,598.66	5.00				900.00								
4 A1	Lethbridge to Warner	1,230,543.39	57,767.11	205,441.63	11,764.83	101.64	974.66	14,043.79		14.00	558,288.32	256,570.20	122,165.18		2,402.67	1,009.36
4 A2	Warner to Coutts	2,342.10	1,346.83													995.27
5 A1	Lethbridge to Cardston	1,579.70	151.91								406.98			42.75		978.06
5 A2	Cardston to Waterton Park Gates	5,145.71	379.35											4,766.36		
6 A	Pincher to Waterton Park Gates	351,912.92	13,759.10	336.79				2,546.00				236,040.85	72,929.89	25,549.34	750.45	

GOVERNMENT OF THE PROVINCE OF ALBERTA

DEPARTMENT OF HIGHWAYS

- Page 2 -

Project	Description	Total Expenditure	Engineering	Grading	Culverts	Guide Posts	Highway Signing	Compensation	Moving Power & Telephone Lines	Gravel Surfacing	Stabilized Base Course	Asphaltic Surface Course	Shouldering	Seal Coat	Centre Line Painting	Railway Crossing Protection
7 A	Okotoks to Longview	\$ 139,056.70	\$ 6,841.46	\$ 231.08	\$	\$	\$	\$ 2,567.77	\$	\$	\$ 55,577.61	\$ 73,317.09	\$	\$	\$ 521.69	\$
9 A2	Beiseker to Drumheller	607.01						133.00			102.26	6.00		365.75		
9 B1	Drumheller to Hanna	48,804.39	370.47								8.72		2,039.00	45,650.38	735.82	
9 B2	Hanna to Youngstown	43,637.97	581.26				11.68						3,778.00	38,514.94	752.09	
9 C1	Youngstown to Excel	215,867.86	6,026.04					247.00				162,557.04	45,563.04		543.66	931.08
9 C2	Excel to Alsask	86,541.60	3,367.50					312.00				63,663.88	19,198.22			
11A2	Sylvan Lake to Condor	136.93					14.25								122.68	
11C1	Nordegg to Cline River	3,613.14	1,590.43	1,984.88			37.83									
11C2	Cline River to Banff Park Bdry.	655.00														
12A	Compeer to Veteran	208,163.36	30,802.21	139,452.03	4,913.49	639.11	577.82	10,746.92	2,763.16	18,268.62					899.27	
12B1	Veteran to Castor	393,271.63	15,778.87	246.43			113.50	3,281.20			372,952.36				2,406.40	
12B2	Castor to Stettler	3,090.10	500.00	170.05						13.65					519.80	
12D1	Lacombe to Rimbey	274,005.61	7,718.36			476.13					2,382.84	262,908.48				
12D2	Rimbey to Norbuck	6,314.15	6,314.15													
13A	Hayter to Hughenden	277,298.72	10,063.15	307.67						32,911.68	160.41	180,467.23	52,572.64		815.94	
13B1	Hughenden to Sedgewick	124,416.75	4,295.86				6.38	350.00				90,958.41	25,158.39		2,622.10	1,025.61
13B2	Sedgewick to Daysland	1,997.21						155.00							1,842.21	
14A	Saskatchewan Bdry. to Wainwright	374,424.90	21,636.33					1,069.80			351,718.77					
14B1	Wainwright to Irma	19,320.19				19,152.60		20.00							147.59	
14B2	Irma to Viking	2,000.74						77.50							1,923.24	
14B3	Viking to Holden	1,573.44													1,573.44	
14C1	Holden to Tofield	1,633.95												40.00	1,593.95	
15A1	Edmonton to Fort Saskatchewan	1,316.05													416.56	899.49
15A2	Fort Saskatchewan to Mundare	33,319.74	11,470.11	170.70	3,098.90			17,235.00		69.61					1,275.42	
16A1	Lloydminster to Vermilion	407,241.89	12,915.14	110,976.74	6,175.48	15.75	218.82	16,733.00			167,175.92	92,741.54	289.50			
16A2	Vermilion to Innisfree	2,530.13						200.00							2,330.13	
16A3	Innisfree to Vegreville	271.57													271.57	
16B2	Chipman Corner to Edmonton	660.31													660.31	
16C1	Edmonton to Carvel Corner	1,628,374.28	95,216.96	218,890.09	25,117.14	49,910.29	11,871.12	107,922.74	9,159.19	1,409.42	709,824.84	327,500.54	48,862.25	18,339.74	4,349.96	
16C2	Carvel Corner to Entwistle	550,094.29	27,020.77	46,234.21	7,438.10	221.25	902.05	24,819.32		132.88	107,006.37	226,777.06	108,613.93		928.35	
16C3	Entwistle to Carrot Creek	288,603.50	25,338.36	198,555.82	14,073.29	33.60	215.89	42,614.70	4,916.57	605.91					2,249.36	
16D1	Carrot Creek to Edson	161,107.79	8,658.12	617.64				535.00				104,691.12	44,631.90		1,974.01	
16D2	Edson to Obed	307,377.81	34,463.21	134,359.68	4,597.96		380.21	3,740.63	1,676.48		126,173.69	53.41			1,932.54	
16D3	Obed to Jasper Park Gates	1,832.56													1,832.56	
17A	Jct. Hwy. #14 to Lloydminster	539.61		43.16												496.45
18A1	Clyde Corner to Barrhead Corner	500,885.66	22,772.22	276.77			193.77	300.00			240,800.60	192,106.09	43,395.87		1,040.34	
18A2	Barrhead Corner to Fort Assiniboine	788.00						788.00								
18B	Fort Assiniboine to Swan Hills	4,575.94	3,386.12	84.50						1,105.32						
20A	Bentley to Sylvan Lake	348,798.70	23,776.11	229,692.16	24,668.94	15.50	2,148.67	42,341.62	2,586.95	23,568.75						
21A1	Jct. Hwy. #9 to Trochu	648,013.58	31,834.36	33,388.73	1,240.60		660.30	1,883.00		2,396.32	190,011.27	316,414.93	68,276.84		992.31	914.92
21A2	Trochu to Jct. Hwy. #12	381,924.38	20,092.26	13,389.87	54.60		10.27	72.00			325,839.36	21,841.48	240.91		383.63	
21B1	Jct. Hwy. #12 to Bashaw	424,792.35	42,866.64	291,420.15	24,507.77		1,115.67	24,680.31		39,865.29						336.52
21B2	Bashaw to Ervick	5,580.70						5,580.70								
21B3	Ervick to Jct. Hwy. #14	403,046.47	31,926.81	219.47	30.59			10,746.23			359,585.16				538.21	
21C1	Jct. Hwy. #9 to Jct. Hwy. #1	1,004.11	1,004.11													
22A	Midnapore to Black Diamond	181,066.49	12,134.78	4,870.25	118.80		231.80	895.00		1,312.63	79,593.52	81,087.99			821.72	
23A1	Monarch to Champion	31,514.90	993.47													
23A2	Champion to High River	436,793.20	25,800.11	214.22				3,338.50			369,080.58	27,282.06	9,113.27	30,521.43	1,389.22	
24A	Vulcan Corner to Cheadle	1,360.78														1,360.78
25A	Lethbridge to East of Little Bow River	936.92													14.68	922.24
26A	South of Carbon to Beiseker	811.27														811.27
27B1	Jct. Hwy. #2 to Torrington	622,422.22	38,996.54	527,149.02	9,796.39		560.29	15,950.74	2,648.35	27,320.89					1,250.22	1,025.48
28A1	Edmonton to North of Redwater	6,801.48	3,860.44				65.34	600.00							1,248.45	
28A2	North of Redwater to Waskatenau	6,992.70						300.00				5,444.25			1,338.62	
28B1	Waskatenau to Vilna	563,813.16	17,090.05	1,331.54				578.70			293,004.72	175,727.02	74,742.51		456.30	
28B2	Vilna to St. Paul	248,454.28	7,310.85	1,094.95	509.91			4,428.00			70,600.07	103,049.46	61,004.74			
28C1	Cold Lake to Beaver Crossing	150,567.67	15,700.35	54,233.83	6,962.91		92.49	8,368.29	6,200.00	3,002.32	1,327.22	54,680.26				

GOVERNMENT OF THE PROVINCE OF ALBERTA

DEPARTMENT OF HIGHWAYS

- Page 3 -

Project	Description	Total Expenditure	Engineering	Grading	Culverts	Guide Posts	Highway Signing	Compensation	Moving Power & Telephone Lines	Gravel Surfacing	Stabilized Base Course	Asphaltic Surface Course	Shouldering	Seal Cost	Centre Line Painting	Railway Crossing Protection
28C2	Beaver Crossing to E. of Rife	\$ 316,446.42	\$ 20,257.84	\$ 223,814.91	\$ 18,233.35	\$	\$ 141.24	\$ 8,890.00	\$ 10,337.00	\$ 34,772.08	\$	\$	\$	\$	\$	\$
32A	Fulston Siding to McLeod River	172.50		172.50												
33A	Jct. Hwy. #43 to Alberta Beach	106,612.63	10,557.37					237.00	756.82		49,390.80	45,670.64				
34A1	Little Smoky River to Valleyview	774,236.45	22,707.75	27.50				922.00		34,966.43	657,671.38	41,356.96	15,863.21		721.22	
34A2	Valleyview to 6th Meridian	86,848.62	606.70				416.85	589.80			706.96			81,919.49	2,608.82	
34A3	6th Meridian to Jct. Hwy. #2	380,460.57	19,312.64	603.20							5,430.63	351,062.92			4,051.18	
36A1	Viking to Killam	54.75													54.75	
36A2	Killam to Castor	397.50	397.50													
36B1	Viking to East of Lavoy	909.60	220.00													689.60
36B2	East of Lavoy to Two Hills	2,367.82						1,619.00								748.82
36B3	Two Hills to St. Brides	93,600.88	6,945.08								31,922.30	53,645.89			1,087.61	
36C1	Jct. Hwy. #1 to West of Pollockville	132,238.90	8,241.29	74,230.06	4,738.22	564.94		23,215.03		21,249.36						
36C2	West of Pollockville to West of Sunnynook	184,638.65	11,700.39	121,171.94	11,928.44		258.60	12,506.20	114.84	26,958.24						
36D1	Taber to Vauxhall	266,618.34	9,156.85			28.50					257,045.32				387.67	
36D2	Vauxhall to South of Scandia	2,025.00						2,025.00								
36D3	South of Scandia to Jct. Hwy. #1	681.64		601.64				80.00								
39A1	Leduc to 5th Meridian	7,525.15		65.66		7,400.03									59.46	
39A2	5th Meridian to Norbuck	13,692.50	6,956.94	516.97		363.06	52.11	3,421.60	1,405.18							976.64
41A1	Wainwright to Vermilion	150.00						150.00								
41A2	Vermilion to Jct. Hwy. #28	170,419.75	21,071.98	129,368.60	9,207.43		732.65	6,962.09	2,200.89	876.11						
41B1	Wainwright to Czar	234.50		234.50												
41C1	Jct. Hwy. #9 to South of Acadia Valley	1,170.25	644.69	43.56				482.00								
41C2	South of Acadia Valley to South of Sharrow	1,183.99	1,183.99													
41C3	South of Sharrow to Sandy Point	7,329.60		350.65			588.95		332.05	6,057.95						
41C4	Sandy Point to Schuler	263,600.22	24,522.13	176,970.11	13,047.20	2,584.54	393.07	20,058.28	49.61	25,975.28						
42A	Penhold to Lousana	185,929.07	26,754.78	122,222.77	13,668.61		147.30	7,529.88	1,166.55	14,439.18						
43.35	Ashmont to East of Rife	477,719.93	26,250.24	313,372.94	38,865.29	689.99	97.96	3,328.00		50,702.33	20,106.46	17,281.43	7,025.29	23,816.75	1,812.98	
43A1	Carvel Corner to Sangudo	134,356.18	10,347.36	45,882.62	6,140.45	560.25	778.57	1,100.58			41,940.62	1,976.00		27,001.09	2,196.80	
43A2	Sangudo to Whitecourt	662,757.79	24,576.96	1,776.25				3,575.00			2,512.62	491,294.22	109,824.85	48,583.26	3,490.33	
43B1	Whitecourt to Fox Creek	59,508.33	1,870.00					5,340.00				224.74		58,492.01	3,403.06	
43B2	Fox Creek to Valleyview	62,920.15	621.35			43.73						360.00				
44A1	Westlock to Flatbush	3,939.24						3,939.24								
44A2	Flatbush to Smith	272,019.21	30,973.17	205,159.10	14,060.40		35.56	821.68		20,969.30						
45A1	Bruderheim to Andrew	314,341.38	42,743.58	181,102.53	35,482.82		985.66	30,208.40		22,714.51						1,103.88
45A2	Andrew to Two Hills	1,085.30	1,085.30													
46A	Radway to Boyle	344,868.78	60,108.75	183,553.62	16,623.91		24.50	38,762.25	738.89	45,056.86						
47	Bickerdike to Leyland	8,247.39	1,401.84	6,413.05			147.90	5.00		279.60						
48A1	Wildhorse to Elkwater	883.33													883.33	
49A1	Donnelly to Watino	9,122.32	8,207.75	18.00		455.57		441.00								
49A2	Watino to Belloy	254,746.19	23,123.99	190,601.20	15,706.59	5,932.27		5,621.00		12,632.22	10.00	800.00			318.92	
49A3	Belloy to Rycroft	72,588.88	3,437.84	129.50		10,417.75	68.52	300.00			21,572.98	36,519.97			142.32	
49B1	Rycroft to Blueberry Corner	1,059.65				1,044.19									15.46	
50A	Tees to Mirror	88,934.89	7,395.13	178.61			75.66				34,341.78	45,781.52			90.58	1,071.61
52A	Welling to West of Craddock	20,789.77	3,412.74											16,426.64		950.39
53A	Ponoka to North of Bashaw	1,439.06	970.20												468.86	
53B	Ponoka to North of Rimbey	17,422.56	17,422.56													
54A	Innisfail to Clearwater River	1,346.80			163.54		3.99	400.00							779.27	
55A	Bremner to Fort Saskatchewan	455.07													455.07	
56A1	Stettler to Big Valley	3,086.06	193.32					1,738.07			310.82	843.85				
56A2	Big Valley to Morrin Corner	87,499.92	10,138.69	433.00							35,714.20	40,302.78			911.25	
57A	Entwistle to Drayton Valley	215,967.27	4,356.83		788.76		9.08	1,680.00				208,579.25			553.35	
57B	Drayton Valley to Alsike	95.00						95.00								
59A	North of Sexsmith to La Glace	15,577.22	15,347.22					230.00								
60A	Jasper Highway to Devon	11,576.33	11,576.33													
61A1	Stirling to Skiff	225,780.24	17,398.82								101,701.75	106,215.87			463.80	
62A	South of Del Bonita to Magrath	559.14					559.14									
40.00E 2	Town of Blairmore	1,037.57	384.99								652.58					

GOVERNMENT OF THE PROVINCE OF ALBERTA

DEPARTMENT OF HIGHWAYS

- Page 4 -

Project	Description	Total Expenditure	Engineering	Grading	Culverts	Guide Posts	Highway Signing	Compensation	Moving Power & Telephone Lines	Gravel Surfacing	Stabilized Base Course	Asphaltic Surface Course	Shouldering	Seal Coat	Centre Line Painting	Railway Crossing Protection
40.00E 5	Town of Cardston	\$ 5,337.18	\$ 478.06	\$ 10,180.08	\$	\$	\$	\$	\$	\$ 1,108.34	\$ 36,046.42	\$ 4,859.12	\$ 4,264.43	\$	\$	\$
40.00E 9	Town of Goaldale	103,167.10	7,808.44									43,759.39				
40.00E 26	Town of Nanton	130.31	130.31													
40.00E 30	Town of Stavely	136.94							136.94							
40.00E 42	City of Drumheller	786.37	331.74								454.63					
40.00E 49	Town of St. Albert	328,282.32	20,192.25	19,594.40	22,545.99				162.20	410.10	86,215.53	179,161.85				
40.00E 59	Village of Bentley	138.60		78.54			60.06									
40.00E 89	Town of Rimbey	39,668.33	948.55								3,153.60	35,566.18				
40.00E 111	Town of St. Paul	4,623.26	265.23								1,408.28	2,949.75				
40.00E 157	Town of Cold Lake	11,455.56	575.43									10,880.13				
40.00E 158	Town of Grande Centre	22,888.71	1,080.68									21,808.03				
40.00E 172	Town of Jasper Place	50,000.00									25,000.00	25,000.00				
40.00E 185	Village of Valleyview	37,911.22	2,522.04		152.55						27,783.31	4,510.05	2.943.27			
40.00E 232	Village of Bruderheim	2,182.61	251.15	694.00	696.00					541.46						
40.00E 240	Town of Forest Lawn	234,646.12	19,119.29	32,608.62							89,045.51	93,872.70				
40.00E 260	Village of Spruce Grove	33,095.38	50.00	1,506.51								27,491.85	4,047.02			
40.00E 261	Town of Grimshaw	3,158.13	85.28	172.84	381.26						2,518.78					
* Salaries	Various Approach Roads	5,160.72	5,160.72													
		\$28,629,899.88	\$1,908,482.55	\$7,537,098.58	\$609,922.94	\$227,711.73	\$76,968.34	\$1,418,995.96	\$62,067.12	\$600,683.85	\$7,630,330.69	\$6,459,039.49	\$1,291,790.27	\$688,992.52	\$98,509.95	\$19,305.89
General:																
76	Equipment	45,772.79														
3044	Workmen's Compensation	39,279.43														
3077	Gravel Research	116,175.73														
3083 AA	Administration	432,217.49														
3083 AB	Board	5,552.16														
3083 ST	In Service Training	5,003.45														
3115	Railway Crossing Inventory	54,781.01														
3175	Unemployment Insurance	16,780.25														
3196	Laboratory	13,839.20														
3225	Benkelmann Beam Testing	77,346.41														
3229	California Bearing Ratio Testing	11,333.53														
		\$29,447,981.33														

Salaries in the amount of \$579,181.76 included.

* Salaries a/c Appropriation 2113 (Approach Roads) being paid from Appropriation 1584 in the amount of \$5,160.72 is included.

GOVERNMENT OF THE PROVINCE OF ALBERTA

DEPARTMENT OF HIGHWAYS

- Page 4 -

Project	Description	Total Expenditure	Engineering	Grading	Culverts	Guide Posts	Highway Signing	Compensation	Moving Power & Telephone Lines	Gravel Surfacing	Stabilized Base Course	Asphaltic Surface Course	Shouldering	Seal Coat	Centre Line Painting	Railway Crossing Protection
40.00E 5	Town of Cardston	\$ 5,337.18	\$ 478.06	\$	\$	\$	\$	\$	\$	\$	\$	\$ 4,859.12	\$	\$	\$	\$
40.00E 9	Town of Coaldale	103,167.10	7,808.44	10,180.08						1,108.34	36,046.42	43,759.39	4,264.43			
40.00E 26	Town of Nanton	130.31	130.31													
40.00E 30	Town of Stavely	136.94							136.94							
40.00E 42	City of Drumheller	786.37	331.74								454.63					
40.00E 49	Town of St. Albert	328,282.32	20,192.25	19,594.40	22,545.99				162.20	410.10	86,215.53	179,161.85				
40.00E 59	Village of Bentley	138.60		78.54			60.06									
40.00E 89	Town of Rimbey	39,668.33	948.55								3,153.60	35,566.18				
40.00E 111	Town of St. Paul	4,623.26	265.23								1,408.28	2,949.75				
40.00E 157	Town of Cold Lake	11,455.56	575.43									10,880.13				
40.00E 158	Town of Grande Centre	22,888.71	1,080.68									21,808.03				
40.00E 172	Town of Jasper Place	50,000.00									25,000.00	25,000.00				
40.00E 185	Village of Valleyview	37,911.22	2,522.04		152.55						27,783.31	4,510.05	2.943.27			
40.00E 232	Village of Bruderheim	2,182.61	251.15	694.00	696.00					541.46						
40.00E 240	Town of Forest Lawn	234,646.12	19,119.29	32,608.62							89,045.51	93,872.70				
40.00E 260	Village of Spruce Grove	33,095.38	50.00	1,506.51								27,491.85	4,047.02			
40.00E 261	Town of Grimshaw	3,158.13	85.28	172.84	381.26						2,518.78					
* Salaries	Various Approach Roads	5,160.72	5,160.72													
		\$28,629,899.88	\$1,908,482.55	\$7,537,098.58	\$609,922.94	\$227,711.73	\$76,968.34	\$1,418,995.96	\$62,067.12	\$600,683.85	\$7,630,330.69	\$6,459,039.49	\$1,291,790.27	\$688,992.52	\$98,509.95	\$19,305.89
General:																
76	Equipment	45,772.79														
3044	Workmen's Compensation	39,279.43														
3077	Gravel Research	116,175.73														
3083 AA	Administration	432,217.49														
3083 AB	Board	5,552.16														
3083 ST	In Service Training	5,003.45														
3115	Railway Crossing Inventory	54,781.01														
3175	Unemployment Insurance	16,780.25														
3196	Laboratory	13,839.20														
3225	Benkelmann Beam Testing	77,346.41														
3229	California Bearing Ratio Testing	11,333.53														
		\$29,447,981.33														

Salaries in the amount of \$579,181.76 included.

* Salaries a/c Appropriation 2113 (Approach Roads) being paid from Appropriation 1584 in the amount of \$5,160.72 is included.

DEPARTMENT OF HIGHWAYS
CONSTRUCTION BRANCH

FIVE YEAR DEVELOPMENT PROGRAMME 1961/62

**STREET PAVING, SIDEWALK, CURB AND GUTTER CONSTRUCTION
IN TOWNS, VILLAGES & HAMLETS**

File	Location	Asphaltic Surfacng Sq. Yds.	Stabilized Base Course Sq. Yds.	Concrete Sidewalks Lin. Ft.	Concrete Curbs or Curbs & Gutters Lin. Ft.	Work Done By
40:00-E-124	Village of Acme			1,284		Contract
40:00-E- 57	Village of Alix			7,841		"
40:00-E-174	Town of Athabasca			3,067		"
40:00-E-268	Town of Barrhead		4,262			"
40:00-E- 64	Town of Bassano			10,834		"
40:00-E- 59	Village of Bentley			3,238		Day Labour
40:00-E-115	Village of Berwyn			3,277	1,041	"
40:00-E- 1	Village of Blackfalds			8,261		"
40:00-E-270	Village of Blackie			4,932		Contract
40:00-E- 2	Town of Blairmore	10,408	10,723			"
40:00-E-210	Town of Bonnyville				4,876	Day Labour
40:00-E- 4	Village of Bowden				2,158	Contract
40:00-E-147	Town of Bow Island			2,404	4,143	"
40:00-E-271	Town of Bowness			16,568	1,674	"
40:00-E- 97	Village of Breton			9,229		"
40:00-E- 73	Town of Brooks			15,201	4,666	"
40:00-E-232	Village of Bruderheim			6,139	1,031	"
40:00-E- 87	Village of Carbon			4,891	294	"
40:00-E- 5	Town of Cardston	5,181	3,128			"
40:00-E-211	Village of Caroine			6,531		"
40:00-E- 3	Village of Carstairs			4,800		"
40:00-E- 77	Town of Caster			2,318		"
40:00-E-325	Hamlet of Central Park			5,319		"
40:00-E-273	Village of Clive			1,392		Day Labour
40:00-E- 86	Village of Clyde			4,211	1,512	Contract
40:00-E- 9	Town of Coaldale			865	87	Day Labour
40:00-E-328	Hamlet of Coalhurst			6,088		Contract
40:00-E- 10	Village of Cochrane	6,133	6,133			"
40:00-E- 11	Town of Coleman			2,611		"
40:00-E-329	Hamlet of Coleman (Adjacent)			950		Day Labour
40:00-E-259	Village of Delburne			2,940		"
40:00-E-120	Village of Delia			829		Contract
40:00-E-320	Village of Dewberry			4,553	910	"
40:00-E-127	Village of Donnelly			3,299		Day Labour
40:00-E-216	Hamlet of East Coulee			6,514		Contract
40:00-E-280	Village of Eckville			8,123		"
40:00-E- 15	Town of Edson	12,262	12,262		3,240	"
40:00-E-201	Hamlet of Exshaw			4,855		"
40:00-E-286	Town of Fairview			7,561	6,005	"
40:00-E-287	Village of Ferintosh			6,421		"
40:00-E-240	Town of Forest Lawn	6,275	6,275	1,491	35,453	"
40:00-E-291	Village of Glendon			7,273		"
40:00-E-335	Hamlet of Graftontown			2,167		Day Labour
40:00-E-158	Town of Grand Centre			12,506		Contract
40:00-E- 16	Town of Granum			5,865	237	"
40:00-E- 17	Town of Hanna			16,264		"
40:00-E-337	Hamlet of Hardieville			9,152		"
40:00-E-293	Village of Hay Lakes			4,323	1,141	"
40:00-E-339	Village of Hillspring			5,515		"
40:00-E-294	Village of Hines Creek			4,418		"
40:00-E-198	Town of Hinton	15,224	15,224			"
40:00-E- 19	Town of Innisfail			13,020		"
40:00-E- 60	Village of Innisfree			4,547	705	"
40:00-E- 56	Town of Irvine			5,210	312	"
40:00-E-153	Village of Kinuso			5,349		"
40:00-E- 53	Village of Kitscoty			3,858		"
40:00-E-180	Town of Lac La Biche			8,646		"
40:00-E- 20	Town of Lacombe	21,755	1,809	1,160		"
40:00-E- 21	Town of Leduc	14,411	14,411		2,060	"
40:00-E-295	Village of Legal				8,108	"
40:00-E-230	Town of Lodgepole			6,522		"
40:00-E-243	Town of Manning			7,730		"
40:00-E- 95	Town of McLennan			7,442		"
40:00-E-112	Town of McMurray			1,967		"
40:00-E-213	Hamlet of Midlandvale			2,820		"
40:00-E- 24	Village of Millet			5,977	733	"
40:00-E-298	Village of Mirror			5,348		"
40:00-E-176	Town of Montgomery			24,800		"
40:00-E-214	Hamlet of Nacmine			3 0.7		"
40:00-E-217	Hamlet of Newcastle			5,368		"
40:00-E-300	Village of New Norway			1,061	1,149	Day Labour
40:00-E-322	Hamlet of North Drumheller			2,555		Contract
40:00-E- 91	Town of Peace River	15,850	16,400			"
40:00-E-303	Village of Penhold			663		"

File	Location	Asphaltic Surfacg Sq. Yds.	Stabilized Base Course Sq. Yds.	Concrete Sidewalks Lin. Ft.	Concrete Curbs or Curbs & Gutters Lin. Ft.	Work Done By
40 00-E-123	Town of Picture Butte			8 020	974	Contract
40:00-E-165	Town of Provost			7,750		"
40 00-E-162	Town of Redcliff	17,465	17,465			"
40 00-E-209	Town of Rocky Mountain House			8,237		"
40:00-E-218	Hamlet of Rosedale			4,119		"
40 00-E- 49	Town of St. Albert	11,050	11,050			"
40 00-E-111	Town of St. Paul				341	"
40 00-E-125	Village of Sangudo			4,240	1,827	"
40 00-E-156	Village of Slave Lake			8 079		"
40 00-E-168	Hamlet of Smith			2,438		"
40:00-E-310	Town of Smoky Lake			5,010	483	"
40 00-E-331	Hamlet of South Drumheller			4,584		"
40 00-E-173	Town of Spirit River			417	10,890	"
40 00-E- 30	Town of Stavely			4,455	608	"
40 00-E- 54	Town of Stettler			12 813	11,182	"
40 00-E-312	Village of Stirling			8,330		"
40:00-E- 31	Town of Strathmore			1,791	2,071	"
40 00-E- 75	Village of Strome			6,493		"
40 00-E-227	Town of Sundre			8,999	1,905	"
40 00-E- 48	Town of Sylvan Lake	6,531	1,200			"
40 00-E-313	Village of Thorh'ld			5,266		"
40 00-E-262	Village of Thorsby			7,682		"
40 00-E- 83	Town of Three Hills			9,701	3 088	"
40 00-E-161	Village of Tilley			1,048	4,959	"
40 00-E- 38	Town of Tofield			486		Day Labour
40 00-E-255	Town of Two Hills			4,756		Contract
40:00-E- 32	Town of Vegreville			1,340	12	"
40 00-E- 33	Town of Vermilion				24,690	"
40 00-E-188	Village of Wanham			3,080		"
40 00-E-316	Village of Warburg			6 610		"
40 00-E- 74	Town of Westlock			6,976		"
40 00-E-362	Hamlet of White'aw			5,346		"
40:00-E-131	Village of Willingdon			5,772	717	"
TOTALS		142,545	120,342	517,218	145,282	
By Contract		95	Projects			
By Day Labour		12	"			
TOTAL		107	"			

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

**STATEMENT OF EXPENDITURE ON HIGHWAYS PORTION OF FIVE
YEAR PROGRAMME APRIL 1, 1961 TO MARCH 31, 1962**

APPROPRIATION 1542

PROJECT	TOWN OR VILLAGE	TYPE OF WORK	GRANTS	TOTALS
40.00 E1	Village of Blackfalds	Sidewalks	\$ 11,938.23	\$ 11,938.23
40.00 E2	Town of Blairmore	Pavement	28,737.01	28,737.01
40.00 E3	Village of Carstairs	Sidewalks	15,126.35	15,126.35
40.00 E4	Village of Bowden	Curbs & Gutters	3,864.52	3,864.52
40.00 E5	Town of Cardston	Pavement	13,961.38	13,961.38
40.00 E9	Town of Coaldale	Sidewalks	2,129.88	2,129.88
40.00 E10	Village of Cochrane	Pavement	18,120.00	18,120.00
40.00 E11	Town of Coleman	Sidewalks	11,822.89	11,822.89
40.00 E15	Town of Edson	Curbs & Gutters	5,683.15	
	" "	Pavement	41,496.85	47,180.00
40.00 E16	Town of Granum	Curbs & Gutters	411.68	
	" "	Sidewalks	12,612.22	13,023.90
40.00 E17	Town of Hanna	Sidewalks	34,146.17	34,146.17
40.00 E19	Town of Innisfail	Sidewalks	31,580.00	31,580.00
40.00 E20	Town of Lacombe	Pavement	37,927.66	
	" "	Sidewalks	1,821.81	39,749.47
40.00 E21	Town of Leduc	Curbs & Gutters	5,974.14	
	" "	Pavement	30,085.86	36,060.00
40.00 E24	Village of Millet	Curbs & Gutters	1,172.80	
	" "	Sidewalks	12,729.90	13,902.70
40.00 E30	Town of Stavely	Curbs & Gutters	1,086.19	
	" "	Sidewalks	10,887.88	11,974.07
40.00 E31	Town of Strathmore	Curbs & Gutters	4,168.30	
	" "	Sidewalks	4,844.32	9,012.62
40.00 E32	Town of Vegreville	Sidewalks	11,420.79	11,420.79
40.00 E33	Town of Vermilion	Curbs & Gutters	35,530.00	35,530.00
40.00 E38	Town of Tofield	Sidewalks	1,047.15	1,047.15
40.00 E48	Town of Sylvan Lake	Pavement	14,867.55	14,867.55
40.00 E49	Town of St. Albert	Pavement	35,070.00	35,070.00
40.00 E53	Village of Kitscoty	Sidewalks	7,131.88	7,131.88
40.00 E54	Town of Stettler	Curbs & Gutters	14,148.18	
	" "	Sidewalks	34,591.82	48,740.00
40.00 E56	Town of Irvine	Curbs & Gutters	556.07	
	" "	Sidewalks	11,356.54	11,912.61
40.00 E57	Village of Alix	Sidewalks	14,616.93	14,616.93
40.00 E59	Village of Bentley	Sidewalks	6,554.89	6,554.89
40.00 E60	Village of Innisfree	Curbs & Gutters	1,233.75	
	" "	Sidewalks	8,851.29	10,085.04
40.00 E64	Town of Bassano	Sidewalks	18,630.00	18,630.00
40.00 E73	Town of Brooks	Curbs & Gutters	6,072.50	
	" "	Sidewalks	32,787.50	38,860.00
40.00 E74	Town of Westlock	Sidewalks	15,813.22	15,813.22
40.00 E75	Village of Strome	Sidewalks	10,304.89	10,304.89
40.00 E77	Town of Cator	Sidewalks	9,451.21	9,451.21
40.00 E83	Town of Three Hills	Curbs & Gutters	3,613.00	
	" "	Sidewalks	20,617.00	24,230.00
40.00 E86	Village of Clyde	Curbs & Gutters	2,482.28	
	" "	Sidewalks	8,631.91	11,114.19
40.00 E87	Village of Carbon	Curbs & Gutters	587.20	
	" "	Sidewalks	12,676.65	13,263.85
40.00 E91	Town of Peace River	Pavement	36,160.00	36,160.00
40.00 E95	Town of McLennan	Sidewalks	16,703.42	16,703.42
40.00 E97	Village of Breton	Sidewalks	15,780.00	15,780.00
40.00 E111	Town of St. Paul	Curbs & Gutters	682.05	682.05
40.00 E112	Town of McMurray	Sidewalks	6,394.08	6,394.08
40.00 E115	Village of Berwyn	Curbs & Gutters	1,000.00	
	" "	Sidewalks	4,634.25	5,634.25

PROJECT	TOWN OR VILLAGE	TYPE OF WORK	GRANTS	TOTALS
40.00 E120	Village of Delia	Sidewalks	\$ 339.53	\$ 339.53
40.00 E124	Village of Acme	Sidewalks	4,529.77	4,529.77
40.00 E125	Village of Sangudo	Curbs & Gutters	3,240.85	
	" " " "	Sidewalks	8,512.52	11,753.37
40.00 E127	Village of Donnelly	Sidewalks	10,551.90	10,551.90
40.00 E128	Town of Picture Butte	Curbs & Gutters	944.50	
	" " " "	Sidewalks	13,856.50	14,801.00
40.00 E131	Village of Willingdon	Curbs & Gutters	1,450.00	
	" " " "	Sidewalks	11,906.23	13,356.23
40.00 E139	Hamlet of Hillcrest	Sidewalks	2,464.32	2,464.32
40.00 E147	Town of Bow Island	Sidewalks	5,374.02	
	" " " "	Curbs & Gutters	5,675.91	11,049.93
40.00 E153	Village of Kinuso	Sidewalks	13,146.58	13,146.58
40.00 E156	Village of Slave Lake	Sidewalks	17,340.00	17,340.00
40.00 E158	Town of Grand Centre	Sidewalks	25,648.19	25,648.19
40.00 E161	Village of Tilley	Curbs & Gutters	8,678.25	
	" " " "	Sidewalks	3,251.75	11,930.00
40.00 E162	Town of Redcliff	Pavement	33,350.00	33,350.00
40.00 E165	Town of Provost	Sidewalks	14,589.47	14,589.47
40.00 E168	Hamlet of Smith	Sidewalks	5,636.82	5,636.82
40.00 E173	Town of Spirit River	Curbs & Gutters	19,144.03	
	" " " "	Sidewalks	385.97	19,530.00
40.00 E174	Town of Athabasca	Sidewalks	1,165.91	1,165.91
40.00 E176	Town of Montgomery	Sidewalks	69,490.00	69,490.00
40.00 E177	Hamlet of Canmore	Sidewalks	72.83	72.83
40.00 E180	Town of Lac La Biche	Sidewalks	15,550.39	15,550.39
40.00 E188	Village of Wanham	Sidewalks	12,100.00	12,100.00
40.00 E198	Town of Hinton	Pavement	46,740.00	46,740.00
40.00 E201	Hamlet of Exshaw	Sidewalks	8,404.16	8,404.16
40.00 E209	Town of Rocky Mountain House	Sidewalks	18,902.72	18,902.72
40.00 E210	Town of Bonnyville	Curbs & Gutters	7,313.84	7,313.84
40.00 E211	Village of Caroline	Sidewalks	12,060.17	12,060.17
40.00 E213	Hamlet of Midlandvale	Sidewalks	4,179.81	4,179.81
40.00 E214	Hamlet of Nacmine	Sidewalks	4,442.91	4,442.91
40.00 E216	Hamlet of East Coulee	Sidewalks	10,194.45	10,194.45
40.00 E217	Hamlet of Newcastle	Sidewalks	7,842.99	7,842.99
40.00 E218	Hamlet of Rosedale	Sidewalks	6,438.60	6,438.60
40.00 E227	Village of Sundre	Sidewalks	15,670.00	
	" " " "	Curbs & Gutters	4,000.00	19,670.00
40.00 E230	Town of Lodgepole	Sidewalks	15,568.84	15,568.84
40.00 E232	Village of Bruderheim	Curbs & Gutters	979.45	
	" " " "	Sidewalks	11,840.55	12,820.00
40.00 E240	Town of Forest Lawn	Curbs & Gutters	68,814.68	
	" " " "	Pavement	19,881.76	
	" " " "	Sidewalks	5,035.34	93,731.78
40.00 E243	Town of Manning	Sidewalks	17,670.00	17,670.00
40.00 E255	Town of Two Hills	Sidewalks	10,833.31	10,833.31
40.00 E259	Village of Deburne	Sidewalks	5,674.01	5,674.01
40.00 E262	Village of Thorsby	Sidewalks	14,258.57	14,258.57
40.00 E258	Town of Barrhead	Pavement	9,129.50	9,129.50
40.00 E270	Village of Blackie	Sidewalks	11,460.00	11,460.00
40.00 E271	Town of Bowness	Curbs & Gutters	3,593.21	
	" " " "	Sidewalks	53,313.56	56,906.77
40.00 E273	Village of Clive	Sidewalks	2,530.74	2,530.74
40.00 E280	Village of Eckville	Sidewalks	15,180.00	15,180.00
40.00 E286	Town of Fairview	Curbs & Gutters	8,138.00	
	" " " "	Sidewalks	18,052.00	26,190.00
40.00 E287	Village of Ferintosh	Sidewalks	10,311.76	10,311.76
40.00 E291	Village of Glendon (Adjacent)	Sidewalks	12,980.00	12,980.00
40.00 E293	Village of Hay Lakes	Curbs & Gutters	1,654.89	
	" " " "	Sidewalks	8,333.12	9,988.01
40.00 E294	Village of Hines Creek	Sidewalks	13,500.00	13,500.00
40.00 E295	Village of Legal	Curbs & Gutters	14,490.00	14,490.00
40.00 E298	Village of Mirror	Sidewalks	9,342.25	9,342.25
40.00 E300	Village of New Norway	Curbs & Gutters	2,000.00	
	" " " "	Sidewalks	2,587.12	4,587.12
40.00 E303	Village of Penhold	Sidewalks	1,246.74	1,246.74
40.00 E310	Town of Smoky Lake	Curbs & Gutters	1,030.00	
	" " " "	Sidewalks	15,342.50	16,372.50
40.00 E312	Village of Stirling	Sidewalks	14,049.11	14,049.11
40.00 E313	Village of Thorhild	Curbs & Gutters	1,236.89	
	" " " "	Sidewalks	9,887.71	11,124.60
40.00 E316	Village of Warburg	Sidewalks	11,205.40	11,205.40
40.00 E320	Village of Dewberry	Curbs & Gutters	1,183.00	
	" " " "	Sidewalks	8,954.68	10,137.68

PROJECT	TOWN OR VILLAGE	TYPE OF WORK	GRANTS	TOTALS
40.00 E322	Hamlet of North Drumheller	Sidewalks	\$ 4,800.76	\$ 4,800.76
40.00 E325	Hamlet of Central Park	Sidewalks	10,859.51	10,859.51
40.00 E328	Hamlet of Coalhurst	Sidewalks	9,407.10	9,407.10
40.00 E329	Hamlet of Coleman (Adjacent)	Sidewalks	3,431.06	3,431.06
40.00 E331	Hamlet of South Drumheller	Sidewalks	7,185.10	7,185.10
40.00 E335	Hamlet of Graitontown	Sidewalks	8,058.43	8,058.43
40.00 E337	Hamlet of Hardieville	Sidewalks	13,486.02	13,486.02
40.00 E339	Village of Hill Spring	Sidewalks	12,050.00	12,050.00
40.00 E362	Hamlet of Whitelaw	Sidewalks	12,260.00	12,260.00
			<hr/> \$1,729,739.75	<hr/> \$1,729,739.75
3083	Administration			1,127.76
3175	Unemployment Insurance			79.94
			Appropriation 1542	<hr/> \$1,730,947.45

HIGHWAY SAFETY CONTROL

APPROPRIATION 1540

Expenditure from April 1, 1961 to March 31, 1962

Workmen's Compensation	\$ 232.06
Unemployment Insurance	143.79
Head Office Administration	26,238.87
Traffic Count out of Town	26,874.03
Traffic Count in Office	1,122.84
Speed Studies in the Field	1,143.08
Appropriation 1540	<hr/> \$55,754.67

Salaries in the amount of \$26,238.87 included.

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

ROADS TO NATURAL RESOURCES
Statement of Expenditure April 1, 1961 to March 31, 1962
APPROPRIATION 1589

Project No.	Description	Total	Engineering	Grading	Culverts	Stabilized Gravel	Comp'sation	Gravel Surfacing	Board	Unemploy- ment Insurance	Railway Grade Crossing Protection	Traffic Signs & Signals	Centre Line Painting
35-3083 AB	Board	\$ 14,429.02	\$	\$	\$	\$	\$	\$	\$14,429.02	\$	\$ 1,196.04	\$	\$ 41.07
35 A1	Grimshaw to Dixonville	161,834.08	15,666.89	26,769.61	21,955.25	56,737.47	39,247.00	164.42		56.33			
35 A2	Dixonville to North Star	44,551.37	23,138.96	21,301.85						107.56			
35 A3	North Star to	16,653.14	16,571.22							81.92			
35 B1	North of Hotchkiss to	13,922.49	1,270.63	290.00	16.50			12,338.00		5.30		2.02	
35 B2	Kemp Creek to	53,785.52	17,458.99	24,823.80	539.99			10,924.96		37.78			
35 B3	N. of Metis Settlement to	82,571.80	4,014.62	59,101.46	831.25			18,603.07		21.40			
35 C1	High Level to	203,136.63	17,679.36	170,309.70	2,665.68			12,424.62		57.27			
35 C2	Meander River to	1,266,758.43	45,828.81	1,074,078.23	61,763.71			84,606.20		192.28		289.20	
35 C3	Steen River to	814,823.38	32,129.31	703,438.00	29,851.62		60.00	48,909.89		153.63		280.93	
58 A	N. Provincial Boundary	25,720.62	23,151.86				2,428.20			140.56			
58 B	N. of Ft. Vermilion to	17,189.59	17,150.04							39.55			
58 C	Lawrence River to	18,598.74	18,564.34							34.40			
	Wood Buffalo Park Bdry.												
		\$2,733,974.81	\$232,625.03	\$2,080,115.65	\$117,624.00	\$56,737.47	\$41,735.20	\$187,971.20	\$14,429.02	\$ 927.98	\$1,196.04	\$572.15	\$ 41.07

Salaries are included \$32,380.90.

MEMORANDUM:

Reimbursements by the Dominion Government — 50% of Shareable Expenditure including Bridges under Roads to Natural Resources, Dominion-Provincial agreement dated December 23, 1959 as follows:

April 1, 1958 to March 31, 1959	\$ 634,115.67
April 1, 1959 to March 31, 1960	865,884.33
April 1, 1960 to March 31, 1961	1,662,131.19
April 1, 1961 to March 31, 1962	1,812,443.16
	<u>\$4,974,574.35</u>

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

APPROACH ROADS
Statement of Expenditure from April 1, 1961 to March 31, 1962
APPROPRIATION 1541

Project Number	Description	Total Expenditure	Engineering	Grading	Culverts	Guide Posts	Fencing	Comp'sation	Moving Poles	Gravel Surfacing	Stabilized Gravel Base Course	Asphaltic Surface Course	Double Asphaltic Surface Treatment	Shouldering	Highway Signs & Signals	Soil Cement Base Course	Centre Line Painting	Railway Grade Crossing Protection
43-54	Jct. Hwy. 21 to Three Hills	\$ 18,596.94	\$ 338.83	\$	\$	\$	\$	\$	\$	\$	\$ 5,305.52	\$ 15,505.20	\$ 6,457.40	\$ 2,752.91	\$	\$	\$	\$
43-55	" " 56 to Big Valley	12,539.92	777.00															
43-57	" " 45 to Claudonald	55.00						55.00										
43-58	" " 45 to Hazeldine	15.00						15.00										
43-63	" " 41 to Rusylvia	125.00						125.00										
43-64	" " 23 to Vulcan	150.79																
43-65	" " 12 to Coronation	2,931.94									2,931.94				150.79			
43-69	" " 9 to Hanna	719.00		91.00				628.00										
43-70	" " 21 to Trochu	4,045.73	234.18					186.00								3,625.55		
43-72	" " 1 to Tilley	356.21	9.05						347.16									
43-74	" " 28 to Waskatenau	83.00						83.00										
43-76	" " 6 to Pincher Creek	13,303.00	260.08									13,042.92						
43-86	" " 13 to Hughenden	735.00						735.00										
43-90	" " 21 to Lousana	40.00						40.00										
43-91	" " 21 to Ferintosh	154.00						154.00										
43-92	" " 49 to Eaglesham	200.00						200.00										
43-96	" " 28 to Bonnyville Beach	28.99		28.99														
43-97	" " 36 to Rainier	1,691.46	1.45					195.00	1,495.01									
43-98	" " 18 to Barrhead	42,364.80	1,918.27	797.69							25,420.15	9,537.93		4,690.76				
43-100	" " 2 to Colinton	486.50		86.50				400.00										
43-101	" " 2 to Wembley	17,105.90	959.16												26.16		8.16	
43-103	" " 2 to Clyde	2,097.72							1,300.36	790.76					6.60			
43-105	" " 2 to Saskatoon Mountain	26,838.22	705.51								1,387.54	24,728.85					16.32	
43-106	" " 36 to Duchess	2,899.49	94.00	2,805.49														
43-108	" " 13 to Cadogan	122,124.67	12,258.31	69,363.70	12,231.44		801.91	6,475.00	604.00	20,322.18								65.13
43-110	" " 36 to Scandia	33,928.45	5,674.67	20,943.27	646.57		68.00	2,693.00	174.25	3,671.19					57.50			
43-111	" " 12 to Clive	7,417.52	2,073.22								2,486.56		2,844.14				13.60	
43-112	" " 49 to Tangent	100,378.04	6,866.68	67,790.40	8,576.06			3,716.00	1,076.32	12,352.58								
43-113	" " 56 to Morrin	62,541.45	10,361.00	38,699.81	5,114.17	224.50		4,745.00	755.20	2,509.32					132.45			
43-114	" " 54 to Dickson	57,848.50	6,994.03	39,002.43	4,317.21	20.25	283.27	3,390.00		3,841.31								
43-116	" " 28 to Vilna	4,520.79	571.79	3,140.64	145.06					663.30								
43-117	" " 46 to Newbrook	74.00	74.00															
		\$536,397.03	\$ 50,171.23	\$242,749.92	\$ 31,030.51	\$ 244.75	\$ 1,156.18	\$ 23,835.00	\$ 5,752.30	\$ 44,150.64	\$ 37,531.71	\$ 78,927.32	\$ 9,301.54	\$ 7,443.67	\$ 373.50	\$ 3,625.55	\$ 38.08	\$ 65.13
3044	Workmen's Compensation	1,108.93																
3175	Unemployment Insurance	248.30																
		\$537,754.26																

NOTE: Salaries in the amount of \$5,160.72 included in Appropriation 1584.

BRIDGE BRANCH

DEPARTMENT OF HIGHWAYS

BRIDGE CONSTRUCTION & MAINTENANCE

E. J. Sanden, Chief Bridge Engineer

During the fiscal year 1961-62 the programme of bridge construction and maintenance was at a level corresponding to the immediate preceding years. Emphasis in priorities for bridge construction and reconstruction, has been shifting to improve geometric standards in the interest of traffic safety and to handle ever increasing volumes of traffic. Construction proceeded on a total of 605 bridge structures, 536 of which were the standard type. In addition 309 bridges were repaired. Of bridges in the major and semi-major category, a total of 33 were under construction on district roads and 36 were on main highways. Of the latter, 7 were grade separations and 7 were railway overpasses or underpasses. The standard type structures include 218 bridges of single or multiple short spans and 318 large culvert-type structures of diameters ranging up to 15 feet or equivalent size of opening.

The major proportion of construction work on major and semi-major bridges was undertaken by contracts invited by public tender. The continuing programme of bridge maintenance, and the construction of standard-type bridges, which by nature is very difficult to undertake by contract, was carried out by means of eighteen self-contained Department bridge crews throughout the Province. The programme of installation of large culverts to serve as bridge replacements, or in lieu of bridges at new sites, continued at a high level as the most economical means of achieving higher geometric standards at many sites. As in the past, the field work of installations on district roads was carried out by the local authorities and on main highways the work was incorporated in highway contracts wherever possible.

On the Mackenzie Highway No. 35, Roads to Resources, bridge construction is nearing completion. The Hay River Bridge, Steen River Bridge and a large concrete culvert on the Indian Cabin Creek were completed. In addition 10 large metal culverts were installed on highway contracts.

Approach roads to bridges, in conjunction with major bridge construction in deep valleys were completed at the new bridges at Morrin, Shandro, Battle River Bridge at Donalda and Hines Creek west of Fairview. Design and clearing was completed for approach roads to the Garlington and Heinsburg bridges.

The seven major bridges under construction during 1961-62 are of particular note:

1. The construction of the South Saskatchewan River Bridge south of Empress on Highway 41 consisting of four 250' steel spans on concrete substructure was carried over from the previous year. It was completed and officially opened on August 23rd, 1961.
2. The Pembina River Bridge on Highway 16 at Entwistle is the largest bridge presently under construction being 1,068 feet long

and 210 feet high. The structural steel was erected during the winter months of 1961-62. Placing of the concrete deck remains to be done for the summer of 1962.

3. The North Saskatchewan River Bridge at Shandro. The structural steel was erected during the winter months of 1961-62 with the concrete deck remaining to be done for the summer of 1962.
4. The substructure of the North Saskatchewan River Bridge at Heinsburg was completed by March 31st, 1962 ready for structural steel erection. This structure is of welded plate girder design with centre span of 280 feet and total length of 1300 feet. The bridge is scheduled for completion in 1963 and will replace the ferries at Heinsburg and Lindbergh.
5. The Red Deer River Bridge on new Highway No. 2 west of Red Deer is a double structure, each having a 40 ft. clear roadway and total length of 590 feet. The spans are continuous welded steel plate girders. The substructure was completed and the steel erected by March 31st, 1962 with the concrete decks remaining to be done in the summer of 1962.
6. The concrete substructure for the Red Deer River Bridge at Garrington was completed and the four 110 foot spans of pre-stressed precast concrete girders were erected. In conjunction with the bridge, and to make the site feasible, extensive river training works were completed by March 31st. A concrete deck remains to be done during the 1962 summer season.
7. Construction of the Hay River Bridge on Highway 35 was carried over from the previous year and was completed and opened to traffic in August, 1961. This, the largest bridge on the Mackenzie Highway, is a continuous steel plate girder design 520 feet in total length.

Following are listed the major and semi-major bridges under construction during 1961-62 on main highways and district roads, a numerical summary of the standard type bridges constructed and bridges repaired.

Construction of Major and Semi-Major Bridges on Main Highways

FILE	HIGHWAY No.	PROJECT	BRIDGE TYPE
75111	1X	* Bow River - Seebe	Prestressed Concrete
1767	2	* Moose River - Smith	Continuous Steel Girder
70252	2	* Assinneau River - Accineau	Precast Concrete
75197	2	* Swan River - Kinuso	Prestressed Concrete Girder
75335	2	Red Deer River - Red Deer	Continuous Welded Steel Girder
75338	2	Blindman River - Blackfalds	Prestressed Concrete Girder
278	2	* Battle River - Ponoka	Continuous Steel Girder — Widened
315	5	* St. Mary's River - Cardston	Prestressed Concrete
75014	16	Pembina River - Entwistle	Cantilever Truss
563	27	Kneehill Creek - Torrington	Precast Concrete
73407	35	* Hay River - Mackenzie Hwy.	Continuous Steel Girder
73410	35	* Steen River - Mackenzie Hwy.	" " "
75187	41	* South Saskatchewan River - Bindloss	Steel Through Trusses
72639	47	* McLeod River - Mercoal	Steel Truss
726'0	47	* McLeod River - Mercoal	" "
72641	47	* McLeod River - Cadom'n	" "
73274	47	* Embarras River - Coalspur	" "
73274	47	* Embarras River - Coalspur	" "
75386	62	* S.M.R.D. Canal - Magrath	Precast Concrete

Culverts

75333	2	* Waskasoo Creek - Red Deer	Concrete arch culvert
73464	35	* Indian Cobins Creek - Mackenzie Hwy.	" " "
525	45	Beaver Hill Creek - Bruderheim	" " "

Grade Separations

75435	2	* Hwy. 2 over Lacombe College Access.	Concrete Rigid Frame
75340	2	Hwy. 2 over Hwy. 12	Prestressed Concrete Girder
75331	2A	Red Deer Interchange — Hwy. 2A over 2	Continuous Concrete Voids Slab
75336	11	Hwy. 11 over Hwy. 2	Continuous Steel Girder
75195	16	Hwy. 16 over Hwy. 43 — Carvel Corner	“ “ “
75198	16A	* Jasper Place — Hwy. 16A over Hwy. 16	Continuous Concrete Voids Slab
75207	16A	* Jasper Place — Hwy. 16A over 170 St.	“ “ “

Railway Overpasses & Underpasses

75112	1X	* C.P.R. - Seebe	Prestressed Concrete Girders
73548	2	C.N.R. - North of Red Deer	Steel Girders — constructed by C.N.R.
75339	2	C.P.R. - South of Lacombe	Continuous Steel Girder
75337	2	C.N.R. - South of Blackfalds	“ “ “
75332	2	C.P.R. - South of Red Deer	“ “ “
75193	16	* C.N.R. - Spruce Grove	Prestressed Concrete Girder
74115	21	* C.P.R. - Near Troon	Steel Girders — constructed by C.P.R.
*—Completed 1961-62			

Construction of Major and Semi-Major Bridges on District Roads

FILE	PROJECT	BRIDGE TYPE
191	* Blackmud Creek - Eilerslie	Prestressed Concrete
969	Little Bow River - Herronton	Precast Concrete
370	Dogpound Creek - Cremona	" "
1894	Little Red Deer River - Redlodge	Prestressed Concrete Girder
8800	Red Deer River - Garrington	Prestressed Concrete Girders
9870	Bow River - Keith Sanitarium	" "
73922	North Saskatchewan River - Shandro	Steel Deck Trusses
75315	North Saskatchewan River - Heinsburg	Continuous Welded Steel Girder
436	Sturgeon River - Villeneuve	Steel Girder
1760	* Redwater River - Redwater	Precast Concrete
2264	Vermilion River - Musidora	Steel Truss
7421	* Bear Creek - La Glace	Precast Concrete
7484	Sturgeon River - N. Onoway	" "
7918	* Rosebud River - Redland	Steel Truss
9391	* Berry Creek - W. Cessford	Precast Concrete
70883	* Hardisty Creek - Hinton	" "
334	Sturgeon River - Villeneuve	Steel Truss
1354	* Mosquito Creek - Parkland	" "
1876	* Kneehill Creek - Acme	" "
2151	* Sturgeon River - Fort Saskatchewan	" "
7664	* Berry Creek - W. Wardlow	" "
8839	* Paddle River - Sangudo	" "
9191	* Rosebud River - Redland	" "
9345	* Sullivan Creek - Longview	Steel Through-Truss
9943	* Rosebud River - Taylor Siding	Steel Truss
13096	* Crowsnest River - Coleman	" "
71131	* Burnt River - Woking	Steel Through Truss
71821	Hines Creek - Fairview	" " "
72355	* Beaver River - Goodridge	" " "
72515	* Beaver River - Malloy	" " "
72631	* Sand River - Glendon	" " "
74546	* Beaver River - Brierville	" " "
75326	* Berry Creek - Wardlow	Steel Truss
	*—Completed 1961-62	

Standard Type Bridge Construction

TYPE	MAIN HIGHWAYS	DISTRICT ROADS
Standard Bridges	17	201
Steel Culverts	57	244
Stock & Pedestrian Underpasses	14	3
Total Number	88	448

Bridge Repairs

Major Bridges	65	100
Standard Bridges	47	82
Culverts	15	
Total Number	127	182

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

**EXPENDITURE ON MAINTENANCE & CONSTRUCTION OF BRIDGES,
PROTECTION WORKS FOR THE YEAR ENDED MARCH 31, 1962**

MAINTENANCE

County		Total	County		Total
I.D. or M.D.			I.D. or M.D.		
Head Office Supervision		\$ 20,948.12	M.D. 64		\$ 567.65
Unemployment Insurance		5,697.42	I.D. 65		63,645.29
Equipment		86,539.94	I.D. 68		6,233.11
Workmen's Compensation		9,996.77	I.D. 69		387.44
Indian Reserves		475.64	M.D. 71		9,030.41
Special Areas			M.D. 72		39,559.25
S.A. 2		29,326.21	M.D. 75		69,967.97
S.A. 3		14,434.45	I.D. 77		3,368.80
Counties			I.D. 78		63,697.39
1	\$151,929.17		I.D. 79		6,886.42
2	103,794.93		M.D. 81		51,934.24
3	39,805.15		M.D. 82		32,443.53
4	12,298.75		M.D. 83		13,732.65
5	5,447.53		M.D. 84		18,182.38
6	24,940.92		M.D. 86		29,947.52
7	32,382.95		M.D. 87		30,807.26
8	27,820.86		M.D. 89		1,164.00
9	27,140.53		M.D. 90		25,903.18
10	50,344.10		M.D. 92		44,876.93
11	34,958.08		M.D. 93		78,495.98
12	34,388.29		I.D. 95		154,672.36
13	79,955.29		I.D. 96		2,528.97
14	33,540.73		I.D. 101		29,160.04
15	108,966.48		I.D. 102		77,348.80
16	75,158.85		M.D. 103		311.70
17	128,325.46		M.D. 106		616.00
19	10,965.45		I.D. 107		33.72
20	6,664.00	991,827.52	I.D. 108		794.47
M.D. 6		83,434.08	I.D. 109		35,158.53
M.D. 9		23,416.86	I.D. 110		16,557.52
I.D. 10		7,485.15	I.D. 122		1,077.20
I.D. 11		14,419.56	I.D. 124		54,493.47
M.D. 14		15,054.91	I.D. 125		23,331.75
M.D. 22		169.38	I.D. 126		27,788.78
M.D. 25		27,105.40	I.D. 129		1,135.94
M.D. 26		49,363.65	M.D. 130		5,758.26
I.D. 27		10,328.97	I.D. 131		36,739.39
M.D. 31		79,904.56	M.D. 133		21,116.06
M.D. 34		16,731.83	I.D. 134		46,360.75
M.D. 40		15,661.99	M.D. 135		31,248.53
I.D. 42		32,564.97	M.D. 136		22,422.43
M.D. 44		84,802.91	I.D. 138		56,072.52
M.D. 47		279,805.17	I.D. 139		261,491.39
M.D. 48		134,231.34	I.D. 146		15,394.48
M.D. 49		18,698.84	I.D. 147		29,685.49
M.D. 53		24,865.99	M.D. 149		5,333.24
M.D. 55		113,193.50	I.D. 946		19,775.57
I.D. 58		6,256.99			
M.D. 61		654.38			
M.D. 62		11,718.50			
M.D. 63		57,627.97			
			Appropriation 1531,		
			1532, & 1533		\$3,833,984.73

SUMMARY

Appropriation — 1530 Salaries	255,881.27
1531 Main & Secondary Highways	299,841.62
1532 Municipal & Improvement Districts	2,996,816.21
1533 Bridge Approaches	537,326.90

\$4,089,866.00

This statement includes Expenditure—Winter Works Incentive Programme—
Appropriation 1531, 1532, 1533. \$234,458.18.

GOVERNMENT OF THE PROVINCE OF ALBERTA

DEPARTMENT OF HIGHWAYS

STATEMENT OF EXPENDITURE ON MAINTENANCE AND
CONSTRUCTION OF BRIDGES, PROTECTION WORKS
FOR THE YEAR ENDED MARCH 31, 1962

CONSTRUCTION

I.D. or M.D.	Total	M.D.		
Administration	\$ 20,355.90	M.D. 44	\$	173,138.30
Equipment	7,228.15	M.D. 47		6,327.13
Unemployment Insurance ..	2,497.55	M.D. 48		45,104.70
Workmen's Compensation ..	7,706.01	M.D. 49		1,541.85
Engineering Testing	25,104.16	M.D. 55		1,443,280.00
		M.D. 61		1.26
		M.D. 62		13,527.77
Town of St. Albert	3,929.50	I.D. 65		4,217.23
Special Areas:		I.D. 69		1,261.71
S.A. 2	119,724.30	M.D. 75		16,662.18
S.A. 3	3,930.77	I.D. 78		1,082,986.65
Counties		I.D. 79		11,287.20
2	34,848.06	M.D. 81		989.97
3	49,953.08	M.D. 82		61,103.21
4	3,584.87	M.D. 83		7,726.13
5	39,098.11	M.D. 84		287,371.92
6	3,662.96	M.D. 86		467,530.42
10	13,248.72	M.D. 87		14,077.04
11	313.46	M.D. 92		14,676.73
12	4,370.10	M.D. 93		762.92
13	449,724.45	I.D. 95		13,896.67
14	906,181.51	I.D. 102		132.50
16	2,063.49	I.D. 107		6,080.42
17	33,638.89	I.D. 109		31,751.36
		I.D. 122		13,171.30
M.D. 6	141,790.36	I.D. 123		6,544.70
M.D. 9	6,624.42	I.D. 124		75,917.70
M.D. 26	26,616.05	I.D. 126		17,138.50
M.D. 31	1,148.83	M.D. 130		211.98
		I.D. 132		50.11
		I.D. 134		25,398.59
		M.D. 135		29.34
		I.D. 139		6,309.53
		I.D. 946		54,005.98
		Appropriation 1583		\$5,811,556.70

Winter Works Incentive Programme—Bridge Construction included \$ 29,746.78

GOVERNMENT OF THE PROVINCE OF ALBERTA

DEPARTMENT OF HIGHWAYS

STATEMENT OF EXPENDITURE ON MAINTENANCE AND
CONSTRUCTION OF BRIDGES, PROTECTION WORKS
FOR THE YEAR ENDED MARCH 31, 1962**CONSTRUCTION (Continued)**

Roads to Resources—Bridges

I.D. 146	\$ 8,774.55
I.D. 148	129,886.21
I.D. 149	300,549.92

Appropriation 1590 *\$439,210.68

* Salaries included \$2,935.16

Winter Works Incentive Programme—bridge Construction Appropriation 1583 (part)

M.D. 55	\$ 18,914.25
I.D. 109	5,418.55
M.D. 92	5,160.87
Unemployment Insurance	253.11

*\$ 29,746.78

* Included in Bridge Construction Statement

GRANTS TO MUNICIPALITIES FOR STRUCTURES

APPROPRIATION 1551

City of Edmonton — Mill Creek Bridge 82 Ave.	\$	\$ 316,277.24
City of Edmonton — 127th Street Overpass		16,922.40
City of Edmonton — 105 Street — 105 Ave. Overpass		1,634.30
City of Lethbridge — West Approach — Hwy. 3		78,993.59
City of Lethbridge — S.W. Bypass Road & Magrath Bypass		116,680.28
City of Red Deer — 55th St. Underpass		24,653.45
City of Calgary — S.E. Bypass	387,983.90	
City of Calgary — S.W. Bypass	112,016.10	500,000.00
Appropriation 1551		<u>\$1,055,161.26</u>

SUMMARY

Income Account:

Appropriation 1530	Salaries	\$ 255,881.27	
Appropriation 1531	Main & Sec. Highways	299,841.62	
Appropriation 1532	Municipal & Improvement Districts	2,996,816.21	
Appropriation 1533	Bridge Approaches	537,326.90	
Appropriation 1551	Grants to Municipalities for Structures	<u>1,055,161.26</u>	\$ 5,145,027.26

Capital Account:

Appropriation 1583	Bridge Construction	5,811,556.70	
Appropriation 1590	Natural Resources Roads (Bridges)	<u>439,210.68</u>	6,250,767.38
			<u>\$11,395,794.64</u>

Salaries are included in Totals

SURVEYS BRANCH

Report for the Year Ended March 31, 1962

C. W. LESTER, Director of Surveys

SURVEYS: Field Work

Twelve parties were employed during the field season from May 1st to October 31st, 1961. Eleven parties were employed on surveys of main highways, road diversion and miscellaneous surveys requested by other departments of the government.

One party continued with a geodetic control survey as requested by the Canadian Petroleum Association in the unsubdivided area from Hinton north-west to the Alberta-British Columbia boundary and north to the 16th Base Line near the Simonette Forestry Lookout Tower. A total of 701 miles of line were measured and 87 stations established and occupied. This triangulation establishes control over 53 townships; 318 miles of township central meridian and 120 miles of base line.

One of the field parties working on road diversions in the Fort Vermilion Area during the summer, proceeded to the 30th Base Line on the 5th Meridian in December. From December 10th, 1961 to March 31st, 1962 they completed the surveys and monumentation of 140 miles of the 30th Base Line from the 5th Meridian to the 6th Meridian.

Two surveyors on the office staff completed 16 incidental surveys during the summer and surveyors in private practice were employed to make 14 other surveys.

In summary, 240 surveys were completed and 34 were cancelled, making a total of 274 surveys removed from the schedule.

SURVEYS: Inspections

A number of inspections were made because of discrepancies found in examinations of plans and corrections were made on the ground by the surveyors responsible.

SURVEYS: Office Work

The plans examination staff completed the examination of the following list of plans which were filed or registered in the Land Titles Office after approval:—

Department of Highway plans	234
Municipal District plans	514
Right of Way Plans	689
Re-establishment of Section Corner plans	133
Townsite subdivision plans	941
Wellsite plans required under OC/782/59	137
TOTAL	2648

This is an increase of 352 plans over the previous year.

The map compilation office completed the following work:—

(1) Township plans:

(a) New township diagram editions drawn and lithographed	14
(b) New base line plans drawn and lithographed	2
(c) Restoration of surveys examined	53
(d) Settlement plans reproduced	9
(e) Base line plans reproduced	116

(2) Mapping:

- (a) Final edition of Eastern Rocky Conservation Control Survey (6 colours)
- (b) Two Municipal District Maps for Department of Municipal Affairs 1 (3 colours), 1 (2 colours).
- (c) Judicial District map for Attorney General's Department (2 colours).
- (d) Three maps for Department of Agriculture: District Agriculturists Boundaries (2 colours), Annual Precipitation (2 colours), Rat Infestation (1 colour).
- (e) Edmonton and Calgary 5 Mile Radius Maps (2 colours) for Motor Vehicles Branch.
Official Provincial Map nearing completion.

(3) Miscellaneous Work:

- (a) Legislative Assembly seating plan.
- (b) Compilation of place names was kept up to date and the Supplement was published on behalf of Alberta Board of Geographical Names.
- (c) Legal descriptions of Electoral and Judicial Districts were drafted and preliminary maps produced.
- (d) Eighty-six District Highway Index Maps were reproduced for Maintenance Branch.
- (e) Colour separation and combination of eight topographical sheet maps were produced for the Alberta Research Council.
- (f) 1353 maps were supplied to various government departments and branches.
- (g) 21 miscellaneous plans were drawn.

NOTIFICATIONS AND COMPENSATION FOR ROADWAYS:

- (1) Number of site titles received for custody of Department of Public Works 30
- (2) Number of Public Works Reserves Titles received 106
- (3) Number of notifications issued transferring roadways no longer required 1750
- (4) Vouchers covering payment of compensation for right of way for roadways, etc. and the amounts paid as follows:—

	Vote	No. of Vouchers	Amount
Main Highways	1584	856	\$ 978,724.48
Trans-Canada Highways	1584	1	37,650.00
District Roads	1513	437	21,701.48
Connecting Roads	1541	76	16,852.00
Surveys	1581	20	4,771.16
Campsites	1588	11	7,526.10
Mackenzie Highway	1589	75	40,657.20
Municipal Affairs	—	1	160.00
Locations	1587	2	76.00
	TOTALS	1479	\$1,108,118.42

LEASES OF ROAD ALLOWANCES:

Leases of Road Allowances south of Township Thirty-six continued to be handled by the Department of Lands and Forests as per order-in-council. North of said township the Surveys Branch of the Department was responsible for the leasing of road allowances.

During the year, thirty new leases were issued and thirty-nine free leases were in effect with the total number of leases in force being three hundred and thirty-four.

PERMITS FOR UTILITIES, ETC., AFFECTING ROADWAYS:

Five hundred and seventy-two applications were received for Power Transmission lines and of these five hundred and fifty-six permits were issued. Five hundred and fifty-eight preliminary plans were submitted.

Ten permits were issued for water pipe lines. Seven permits were issued for sewer pipe lines. There were no permits issued for consumer gas lines. Thirty applications were received for Irrigation Projects, of which twenty-eight permits were issued.

REPRODUCTIONS:

The amount of Ozalid blue line printing was 342,926 square feet as compared with 326,828 square feet in 1960-61.

The total value of printing done and map mounting for various government departments during the year was \$23,692.26.

The following is a summary of the work done by the Branch, described above:—

	1961-62
Surveys required and brought forward from 1960	629
Surveys requested during 1961	306
Surveys made or cancelled during 1961	274
Surveys carried forward to 1962	661
Plans submitted and examined on behalf of Municipal Districts	514
New Township plans prepared and confirmed	14
Certificates of Title received for Public Purposes under Subdivision Regulations	106
Certificates of Title to Public Sites received	30
Transfers issued covering lands no longer required	1750
Number of plans of Townsite Subdivisions approved	941
Right of Way plans examined and approved	689
Other plans examined and approved	504
Irrigation Permits issued	28
Applications submitted	30
Preliminary plans of Power Transmission Lines submitted	558
Applications received	572
Permits issued	556
Water Pipe Line Permits issued	10
Sewer Pipe Line Permits issued	7
Consumer Gas Line Permits issued	—
Vouchers for Compensation issued	1479
Leases for Road Allowances issued	30
Leases for Road Allowances in force	334
Leases for Gravel Pits on Highway Plans	16

LOCATIONS BRANCH

REPORT FOR THE YEAR ENDING MARCH 31st, 1962

H. J. STEPHENS, Chief Locations Engineer

During the year under review, four Engineers with required parties were engaged on location surveys on the following projects:—

(1) Location work was continued on sections of the following—

2-D-1	Revisions near Red Deer
2-D-2	Ponoka to Leduc
3-B-3	Pincher Station to Lundbreck
15-A-1	Edmonton to Fort Saskatchewan
41-A-1	Wainwright to Vermilion
41-D	Dunmore to Wildhorse
41-7-17	Proposed crossing of North Saskatchewan River near Heinsburg
41-9-9	Proposed bridge site South of Waskatenau
49609	Proposed road—Judy Creek to Highway 43

(2) Location survey work was undertaken on sections of the following projects —

1-C-1/1	Calgary to Bowness
2-D-3	Millet to Edmonton
12-D-2	Rimbey to Norbuck
14-C-3	Cooking Lake to Edmonton
16-A-2	Vermilion to Innisfree
16-B-2	Chipman Corner to Edmonton
16-C-1	Edmonton to Carvel Corner
18-A-2	Barrhead Corner to Fort Assinboine
41-A-2	Vermilion to Junction with Highway 45
41-3-43	Relocation of bridge at Sunnyslope
41-4-12	Relocation of bridge at Aldersyde
41-4-33	Davisburg Bridge site
41-7-3	District Highway North East of Heinsburg
41-10-6	Little Smoky Bridge at Girouxville
46-A	Junction Highway 28 to Boyle
46-B	Boyle to Lac La Biche
49-A-1	East Watino Hill
*{A.58.B A.58.C	North of Fort Vermilion to 5th Meridian
61-A-3	Etzikom to Orion

* Under Dominion-Provincial Agreement—Roads to Resources

Applications for permits to construct various utilities were scrutinized, to avoid complication for future main highways development, and comprised of applications for the following:—

Gas or oil pipe lines	213
Power line extensions	1,166
Sewer and water lines	26
Miscellaneous	41

GOVERNMENT OF THE PROVINCE OF ALBERTA

DEPARTMENT OF HIGHWAYS

HIGHWAY LOCATIONS**Expenditure from April 1, 1961 to March 31, 1962****APPROPRIATION 1587****SUMMARY**

PROJECT	DESCRIPTION	TOTAL
49609	Proposed Road—Judy Creek to Highway 43	\$ 45.75
IC 1/1	Calgary to Bowness	25.10
2 D1	Revision near Red Deer	4,320.78
2 D2	Ponoka to Leduc	8,254.50
2 D3	Millet to Edmonton	5,010.06
2 E3	Rochester to Athabasca	6,032.29
3 B3	Pincher Station to Lundbreck	4,779.02
12D2	Rimbey to Norbuck	261.25
14C3	Cooking Lake to Edmonton	2,184.91
15A1	Edmonton to Fort Saskatchewan	263.15
16A2	Vermilion to Innisfree	2,302.51
16B2	Chipman Corner to Edmonton	1,701.66
16C1	Edmonton to Carvel Corner	1,349.68
18A2	Barrhead Corner to Fort Assinboine	7,201.52
41A1	Wainwright to Vermilion	9,724.96
41A2	Vermilion to Junction Highway 45	8,158.34
41D	Dunmore to Wildhorse	22,486.55
41-3-43	Relocation of Bridge at Sunnyslope	393.92
41-4-12	Relocation of Bridge at Aldersyde	789.86
41-4-33	Davisburg Bridge Site	960.13
41-7-3	Heinsburg to 6 miles East	2,170.83
41-9-9	Crossing South East of Waskatenau	4,173.23
41-10-6	Proposed Bridge Crossing of Little Smoky River at Girouxville	16,713.22
41-7-17	Proposed Crossing of North Saskatchewan River near Heinsburg	2,158.38
46A	Junction Highway 28 to Boyle	5,766.73
46B	Boyle to Lac La Biche	13,475.58
49A1	Donnelly to Watino	7,633.98
61A3	Etzikom to Orion	3,542.42

Administration Files:

Administration	\$24,900.27	
Equipment	1,123.59	
Unemployment Insurance	666.47	
Workmen's Compensation	1,126.97	27,817.30

Appropriation No. 1587	<u>\$169,697.61</u>
------------------------	---------------------

Salaries—Appropriation 1587 included	\$ 39,746.85
--	--------------

58 B) North of Fort Vermilion to 5th Meridian

58 C) included in Appropriation 1589.

58 B \$17,189.59

58 C 18,598.74

<u>\$35,788.33</u>

MOTOR VEHICLE BRANCH

(H. R. CLARK, Registrar)

MOTOR VEHICLE REGISTRATION DIVISION

During the fiscal year ending March 31st, 1962, vehicle registrations passed the 500,000 mark. Total registrations were 517,340 indicating an increase over the previous year of 23,077 registrations. Approximately 82,900 transfers, 28,600 changes of address and 14,000 license exchanges were processed during the year.

1961-62 registrations were as follows:

Passenger cars	355,374
Motorcycles	4,005
Dealers	2,275
Public Service & Commercial Vehicles	155,686
	<hr/>
	517,340

Public Service Vehicles (Operated for Compensation):

P.S.	Freight Vehicles	5,597	
E.	Freight Vehicles (Exempted Goods)	5,042	
C.	Freight Vehicles (Cities, Towns, Villages & 5 mile Radius)	5,667	
L.	Liveries, Taxicabs	759	
D.U.	Drive-Yourself	588	
Bus	Franchised Buses	605	
S.B.	School Buses	2,991	21,249
		<hr/>	

Commercial Vehicles:

C.V.	Business Firms (transporting own goods)....	15,937	
X.	Miscellaneous and for Commercial Operations (Cities, Towns, Villages and 5 mile Radius)	27,058	
F.	Farm Operations	78 531	
G.	Federal, Provincial, Municipal Governments ..	7,144	128,670

Trailers:

Commercial and public service trailers	5,767	5,767
	<hr/>	
		155,686

OPERATORS DIVISION

Central Registry Section

	1959	1960	1961
Registration of Incumbrances	113,623	109,352	110,540
Notice of Seizure	2,852	3,341	3,355
Searches	35,969	41,311	47,570

DRIVER EXAMINATION SECTION

During the 1961 calendar year Driver Testing Centres were opened at Beiseker, Crossfield, Consort, Empress, Redwater, Two Hills and Whitecourt. This increase now brings the total of centres to 74 in the Province. A Resident office was opened in Drumheller bringing the subheadquarters offices to a total of nine.

During 1961 a total of 132,078 driver examinations were conducted resulting in 79,190 approvals and 52,842 held in abeyance for further training. A total of 46 applicants were denied licenses due to inability to qualify in accordance with physical or health standards.

Restriction statistics are as follows:

Adequate Glasses	19,581
Area Restrictions	93
All Others	5,151

FINANCIAL RESPONSIBILITY SECTION

The latest issue of the License Suspension Book contains 14,030 names, compared to 13,347 during 1960.

CONVICTION RECORD

	1960		1961	
	VHT Act	CCC	VHT Act	CCC
Edmonton	22,314	1,066	22,604	1,126
Calgary	9,619	781	15,759	680
Lethbridge	1,794	187	2,592	121
Medicine Hat	646	86	925	41
All others	19,246	1,452	16,317	2,450
TOTALS	53,619	3,572	58,197	4,418
Motor Vehicles Impounded	2900		3390	

OPERATORS LICENSING SECTION

During 1961 a total of 39,219 licenses were issued. The total driver population now stands at 591,364.

DRIVERS BOARD OF REVIEW

The Board met on 55 occasions during 1961 and 678 driving records were reviewed. The Board recommended the suspension of operators' licenses in 236 instances for periods varying between two weeks and three years. Probationary licenses were issued to 331 individuals while 111 operators were issued licenses having restricted conditions.

HIGHWAY TRAFFIC BOARD

This report covers the period from April 1, 1961 to March 31, 1962. During this period of time the Board held eleven regular meetings and one special meeting.

EXTRA-PROVINCIAL CARRIERS:

In the exercise of the Board's control over extra-provincial undertakings under the authority of the Motor Vehicle Transport Act (Statutes of Canada) a total of 530 applications for operating authority certificates were considered and issued. Such certificates were distributed as follows:

Canadian Section:

Transportation of household goods	79
“ “ general merchandise	13
“ “ petroleum products	10
“ “ livestock	11
“ “ oilfield equipment	5
“ “ specified commodities	48
“ “ house trailers	4

United States of America Section:

Transportation of household goods	4
“ “ general merchandise	5
“ “ fruit and vegetable produce	13
“ “ oilfield equipment	3
“ “ specified commodities	18
“ “ livestock	1
	<hr/>
	44

Alberta Section:

Transportation of general merchandise	42
“ “ household goods	27
“ “ petroleum products	31
“ “ livestock	9
“ “ oilfield equipment	51
“ “ specified commodities	105
“ “ lumber and building supplies	51
	<hr/>
	316

In conjunction with the foregoing the Board also considered a total of 116 requests for various amendments to certificates previously issued.

During the course of the year the Board held two public hearings in connection with applications for extra-provincial operating authority.

RECIPROCITY

The Province of Alberta has negotiated and maintains reciprocal arrangements as to registration and operation of motor vehicles on an international and interprovincial basis. As a consequence of this, the Board administers matters pertaining to such arrangements in relation to public service and commercial vehicles.

At the time of this report the Province of Alberta enjoys full reciprocity with some twenty-seven states of the United States of America plus partial reciprocities with four other states.

Full reciprocity arrangements are held with the following states:

ALASKA	KANSAS	NORTH CAROLINA
ARKANSAS	LOUISIANA	OREGON
CALIFORNIA	MASSACHUSETTS	OKLAHOMA
CONNECTICUT	MINNESOTA	PENNSYLVANIA
DELAWARE	MISSOURI	RHODE ISLAND
DISTRICT OF COLUMBIA	MONTANA	TEXAS
ILLINOIS	NEBRASKA	WEST VIRGINIA
IOWA	NEW HAMPSHIRE	WYOMING
INDIANA	NEW YORK	WISCONSIN

Partial or limited reciprocity is in effect with: WASHINGTON, IDAHO, NORTH DAKOTA, UTAH.

In relations with other Canadian Provinces, Alberta has reciprocal arrangements of one type or another with five Provinces and the North-west Territories. The provinces participating in reciprocal arrangements are as follows:

MANITOBA	—Partial fee, full reciprocity on household goods and corridor operations.
NORTH WEST TERRITORIES	—Partial fee.
ONTARIO	—Canadian model agreement signed.
PRINCE EDWARD ISLAND	—Full reciprocity.
QUEBEC	—Full reciprocity on household goods only, no other.
SASKATCHEWAN	—Partial fee, full reciprocity on household goods. Canadian model agreement in negotiation.

In conjunction with the foregoing, the following were issued for the year ending March 31, 1962:

(a) Motor Vehicle Reciprocity Permits	4,915
(b) Alberta Residents Reciprocity Plates	852

The identification plates herein referred to as "Alberta Resident Plates" are a special issue used as a means of readily identifying operators resident in Alberta for reciprocal arrangement purposes.

INTRA-PROVINCIAL CARRIERS

(a) New Bus Route Certificates granted:

Cardinal Coach Lines Ltd.	Calgary to Balzac area (temporary).
Lethbridge Northern Bus Lines ..	Calgary to Wildcat Hills Plant.
R. L. Shantz	Didsbury to Canadian Superior Oil Plant
A. B. Fraser	Edmonton to Nisku Airport.

(b) Extensions of Bus Franchises:

Charles Bannerman	Olds to Trochu
-------------------------	----------------

(c) Transfer of Bus Route Certificates:

From Prairie School Bus Ltd. to Prairie School Bus (1961) Limited.
From Carpenter Bus Sales (Western) Ltd. to Blue Bird Sales (Western) Ltd.

(d) Discontinued Service:

Sorensen Bus Lines	Rocky Mountain House to Red Deer via Caroline
Saskatchewan Transportation Co. ..	Loon Lake to Cold Lake

(e) Bus Route Certificates in effect as of March 31, 1962:

Name of Bus Operator	From	To
Beverly Bus Lines	Edmonton	Beverly
" " "	"	Elk Island Park
" " "	"	Clover Bar via Hwy. 16
Blue Goose Lines Ltd.	Edmonton	Lac La Biche
" " "	"	Namao
Branch Lines Ltd.	Edson	Cadomin
City of Edmonton Transit System	City Limits	Canadian Chemical Plant
Charles E. Bannerman	Olds	Sundre
William J. Brown	Drumheller	East Coulee
" " "	"	Nacmine
" " "	"	Midland
" " "	"	Riverview Park
Calgary Gray Line Ltd.	Sightseeing Routes within City of Calgary	
Canadian Coachways Ltd.	Edmonton	Athabasca
" " "	"	Whitecourt
" " "	"	Alta.-B.C. Border via Hwy. 2
" " "	"	High Prairie
" " "	"	Alta.-B.C. Border via Hwy. 43
" " "	"	Grande Prairie
" " "	Peace River	N.W.T. Border
" " "	" "	Fort Vermilion

Name of Bus Operator	From	To
Canadian Coachways Ltd.	Falher	Peace River
" " " "	Jct. Hwys. 43 & 33	Gunn
" " " "	High Prairie	Valleyview
Capital City Sight Seeing Tours	Edmonton	International Airport
" " " "	"	Alberta Game Farm
Cardinal Coach Lines Ltd.	Three Hills	Red Deer
" " " "	Calgary	Airdrie
" " " "	Pincher Creek	Drywood
" " " "	Sightseeing Routes	Calgary and Vicinity
" " " "	Calgary	Spy Hill Jail
" " " "	Stettler	Nevis
" " " "	Rimbey	B.A. Gas Plant
" " " "	Calgary	Plant Site east of Balzac via Hwy. 2
Carpenter Bus Sales (Western) Ltd.	Union Bus Depot	International Airport (Nisku)
Diamond Bus Lines	Edmonton	Jasper Place
" " " "	"	East Industrial Area
" " " "	"	Campbelltown (Sherwood Park)
W. Dicken	Coleman	Crowsnest
" "	Bellevue	"
W. C. Fleming	Calgary	Ammonia Plant (Calgary)
J.A. Foder	Coaldale	Lethbridge
A. B. Fraser	Sightseeing Tours within	City of Edmonton
Glacier Park Transport Co.	Carway	Waterton Lakes (National Park)
Greyhound Lines of Canada Ltd.	Banff Park Gate	Calgary via Hwy. 1
" " " " " "	Calgary	Waterton Lakes via Hwy. 2
" " " " " "	Edmonton	Jasper Park Gates
" " " " " "	Calgary	Waterton Lakes
" " " " " "	"	Banff Park Gates
" " " " " "	Edmonton	Lloydminster via Elk Island Park
" " " " " "	"	Lloydminster via Lamont
" " " " " "	"	Hinton
" " " " " "	"	Calgary via Hwy. 2
" " " " " "	"	Calgary via Hwy. 2A
" " " " " "	Calgary	Coutts
" " " " " "	"	Lethbridge
" " " " " "	"	Crowsnest via Okotoks, Stavely
" " " " " "	"	Crowsnest via Fort Macleod
" " " " " "	"	Crowsnest via Pincher Creek
" " " " " "	"	Medicine Hat
" " " " " "	Fort Macleod	Walsh
" " " " " "	Calgary	Cardston via Fort Macleod, Lethbridge
" " " " " "	"	Cardston via Okotoks, Lethbridge, Raymond
" " " " " "	"	Lethbridge via Vulcan
" " " " " "	"	Banff Park Gate via Hwy. 1A
" " " " " "	"	Oyen
" " " " " "	Fort Macleod	Taber via Lethbridge
" " " " " "	Calgary	Waterton via Vulcan & Cardston
F. Kotch	Lethbridge	Turin
" "	Lethbridge Sightseeing	Tours within City
" "	Fort Macleod	Pincher Creek
" "	Hillcrest	Bellevue
" "	Calgary	Wildcat Hills Plant
A. Kotyshyn	Two Hills	Duvernay
Lethbridge Northern Bus Lines	Lethbridge	Picture Butte
Northland Arrow Lines Ltd.	Edmonton	Swan Hills
" " " " " "	"	Ft. Assiniboine
" " " " " "	"	Westlock
" " " " " "	"	St. Albert
Prairie School Bus Ltd.	Red Deer	Penhold Airport

Name of Bus Operator	From	To
W. H. Ratcliffe	Calgary	Forest Lawn
Norman Shiewe	(40 Ave. - 109 St.)	(82 Ave. - 109 St.)
	Edmonton	Edmonton
Sorensen Bus Lines Ltd.	Rocky Mtn. House	Red Deer
	Consort	Red Deer
	Stettler	Calgary
	Calgary	Turner Valley
	Red Deer	Penhold Airport
W. J. Sandmaier	Forestburg	Forestburg Collieries
Shantz, Raymond L.	Didsbury	Canadian Superior Oil Plant
Sunburst Motor Coaches	Edmonton	Chauvin
" " "	"	Elk Point
" " "	"	Cold Lake
" " "	"	Saskatchewan Border
" " "	"	Alliance
" " "	"	Alix
" " "	"	Alder Flats
" " "	"	Marwayne
" " "	"	Camrose
" " "	"	Hardisty
Truckey, A.	Onoway	Edmonton
Yellow Cab Ltd.	Edmonton	International Airport (Nisku)
Van Wert, T.	Redcliff	Medicine Hat
Western Motor Coaches Ltd.	Edmonton	Lacombe via Breton
" " " "	"	Devon via Woodbend
" " " "	"	Devon via Nisku
" " " "	"	Lodgepole via Duffield
" " " "	"	Big Bend Dam via Alsike

The following is a summary of the mileage travelled by all bus companies for the period ending March 31, 1962:

ACTUAL MILES TRAVELLED

Gravel or Dirt Highways	Paved Highways	Total
1,478,995	6,670,444	8,149,439

PASSENGER MILES TRAVELLED

Gravel or Dirt Highways	Paved Highways	Total
45,361,264	249,329,733	294,690,997

During the year approximately 3,029,848 passengers were carried.

SAFETY DIVISION

The Board maintains a Safety Division which has as its primary function the promotion of highway safety generally and the inspection of School Buses. To this end the Division conducts extensive Traffic Safety Programmes throughout the Province. Such programmes consist of lectures and films for adults, and safety classes for children, school bus drivers' schools, commercial vehicle drivers' schools, programmes for Home and School Associations, Service Clubs and Churches. As a special feature of the Safety Programme, the Division conducts car roadeos throughout the province.

The school bus inspections are a vital influence in maintaining high safety standards in the transportation of school children.

The following is a statistical summary of the various activities engaged in during the period April 1, 1961 to March 31, 1962.

Car Rodeos

Number conducted	22
Total contestants	459
Total spectators	4,550

School Bus Rodeos

Number conducted	1
Total contestants	16

School Bus Inspections

Total number buses inspected	2,753
Total capacity	103,654
Actual Carried	91,883
Total Mileage	166,857
Overload Permits	187
Total Tolerance	1,354

Bus Driver Schools

Number conducted	30
Total attendance	1,451
Average attendance	48
Conventions	3
Radio & TV	5

Commercial Truckers

Number Conducted	1
Attendance	22

Separate & Public Schools

Number visited	251
Total attendance	44,100
Average	175

Home & School Associations

Number visited	251
Total attendance	2,411
Average	43

Service Clubs

Number visited	55
Total attendance	3,826
Average	69

Public Meetings

Number visited	12
Total attendance	3,034
Average	252

ANNUAL REPORT OF MOTOR VEHICLE TRAFFIC ACCIDENTS

ALBERTA DEPARTMENT OF HIGHWAYS

1961

NUMBER OF ACCIDENTS

By Month of Occurrence:

Month	Fatal	Non-fatal injury	Property damage only	Total
January	9	224	1303	1536
February	12	256	1640	1908
March	14	254	1220	1488
April	16	318	1158	1492
May	12	340	1154	1506
June	17	377	1270	1664
July	21	485	1525	2031
August	28	460	1424	1912
September	24	451	1630	2105
October	26	440	1845	2311
November	17	401	1873	2291
December	18	354	2583	3055
Not stated	11	11	22	44
Total	214	4381	18736	23331

By Day of Occurrence:

Day	Fatal	Non-fatal injury	Property damage only	Total
Sunday	40	742	2657	3439
Monday	33	470	2214	2717
Tuesday	26	516	2280	2822
Wednesday	10	489	2283	2782
Thursday	28	487	2312	2827
Friday	29	521	3206	3756
Saturday	48	954	3782	4784
Not stated	2	2	2	6
Total	214	4381	18736	23331

By Hour of Occurrence:

Hour	Fatal	Non-fatal injury	Property damage only	Total
12 to 1 A.M.	8	153	852	1013
1 to 2 A.M.	8	143	470	621
2 to 3 A.M.	8	117	341	466
3 to 4 A.M.	7	84	229	320
4 to 5 A.M.	2	54	168	224
5 to 6 A.M.	3	42	127	172
6 to 7 A.M.	3	39	125	167
7 to 8 A.M.	3	94	603	700
8 to 9 A.M.	4	128	752	884
9 to 10 A.M.	3	97	552	652
10 to 11 A.M.	8	115	642	765
11 to 12 P.M.	7	163	808	978
12 to 1 P.M.	7	234	682	932
1 to 2 P.M.	5	179	910	1094
2 to 3 P.M.	10	211	1083	1304
3 to 4 P.M.	7	274	1216	1497
4 to 5 P.M.	13	316	1566	1895
5 to 6 P.M.	17	372	1640	2029
6 to 7 P.M.	12	300	1011	1323
7 to 8 P.M.	21	335	1207	1563
8 to 9 P.M.	9	232	994	1235
9 to 10 P.M.	13	211	809	1033
10 to 11 P.M.	11	193	772	976
11 to 12 P.M.	9	254	896	1159
Not stated	9	45	281	333
Total	214	4381	18736	23331

By Light Condition:

Condition	Fatal	Non-fatal injury	Property damage only	Total
Daylight	108	2357	10985	13450
Dawn	3	72	204	279
Dusk	10	211	845	1066
Dark	79	1171	3656	4906
Not stated	14	570	3046	3630
Total	214	4381	18736	23331

By Type of Accident:

Type	Fatal	Non-fatal injury	Property damage only	Total
Urban—	19	510	126	655
Pedestrian	9	1245	1123	1257
Other motor vehicle	1	15	29	45
Home-driven vehicle	1	7	52	59
Railroad train	2	114	1	117
Street car/trolley coach	1	59	21	80
Bicycle	35	256	291	582
Motorcycle	4	219	1109	1332
Other vehicles	2	31	116	151
Fixed object	2	68	300	370
Non-collision	39	2327	13255	15621
Miscellaneous	19	36	17	72
Rural—	67	697	2065	2829
Other motor vehicle	1	1	5	6
Home-driven vehicle	8	9	7	24
Railroad train	9	14	1	24
Bicycle	1	1	15	17
Motorcycle	4	12	107	123
Other vehicles	4	12	569	752
Fixed object	51	705	1515	2271
Non-collision	16	330	714	1060
Miscellaneous	175	2054	5481	7710
Total	214	4381	18736	23331

By Road Location:

Location	Fatal	Non-fatal injury	Property damage only	Total
Intersections—	310	1762	2072	5144
with traffic light	5	16	19	39
with police control	5	543	2552	3100
stop sign or flashing light	2	116	611	729
warning, slow signs, etc.	1	326	1828	2155
no traffic control	16	787	5327	6130
Intersection of private driveway and street or road	1	31	182	214
Straight road	1	54	182	237
Curve	13	93	106	212
Hill	5	23	28	36
Railway crossing—automatic signal	2	2	3	7
—gates or watchman	1	2	10	13
—no control	1	12	55	68
On bridge	12	125	613	750
On ferry or dock	39	2327	13255	15621
Not stated	4	75	168	247
Total	214	4381	18736	23331

By Road Location:

Location	Fatal	Non-fatal injury	Property damage only	Total
Intersections of private driveway and street or road	1	31	182	214
Straight road	1	54	182	237
Curve	13	93	106	212
Hill	5	23	28	36
Railway crossing—automatic signal	2	2	3	7
—gates or watchman	1	2	10	13
—no control	1	12	55	68
On bridge	12	125	613	750
On ferry or dock	39	2327	13255	15621
Not stated	4	75	168	247
Total	214	4381	18736	23331

By Road Location:

Location	Fatal	Non-fatal injury	Property damage only	Total
Intersections of private driveway and street or road	1	31	182	214
Straight road	1	54	182	237
Curve	13	93	106	212
Hill	5	23	28	36
Railway crossing—automatic signal	2	2	3	7
—gates or watchman	1	2	10	13
—no control	1	12	55	68
On bridge	12	125	613	750
On ferry or dock	39	2327	13255	15621
Not stated	4	75	168	247
Total	214	4381	18736	23331

By Road Location:

Location	Fatal	Non-fatal injury	Property damage only	Total
Intersections of private driveway and street or road	1	31	182	214
Straight road	1	54	182	237
Curve	13	93	106	212
Hill	5	23	28	36
Railway crossing—automatic signal	2	2	3	7
—gates or watchman	1	2	10	13
—no control	1	12	55	68
On bridge	12	125	613	750
On ferry or dock	39	2327	13255	15621
Not stated	4	75	168	247
Total	214	4381	18736	23331

By Age Groups and Type of Accident:

Age Group	Fatal	Non-fatal injury	Property damage only	Total
Killed—	19	510	126	655
Pedestrian	9	1245	1123	1257
Other motor vehicle	1	15	29	45
Home-driven vehicle	1	7	52	59
Railroad train	2	114	1	117
Street car/trolley coach	1	59	21	80
Bicycle	35	256	291	582
Motorcycle	4	219	1109	1332
Other vehicles	2	31	116	151
Fixed object	2	68	300	370
Non-collision	39	2327	13255	15621
Miscellaneous	19	36	17	72
Injured—	67	697	2065	2829
Other motor vehicle	1	1	5	6
Home-driven vehicle	8	9	7	24
Railroad train	9	14	1	24
Bicycle	1	1	15	17
Motorcycle	4	12	107	123
Other vehicles	4	12	569	752
Fixed object	51	705	1515	2271
Non-collision	16	330	714	1060
Miscellaneous	175	2054	5481	7710
Total	214	4381	18736	23331

By Age Groups and Sex:

Age Group	Fatal	Non-fatal injury	Property damage only	Total
Killed—	19	510	126	655
Male	14	381	102	507
Female	5	129	24	153
Not stated	1	1	1	3
Injured—	67	697	2065	2829
Male	51	510	1515	2136
Female	16	187	550	853
Not stated	1	1	1	3
Total	214	4381	18736	23331

By Age Groups and Sex:

Age Group	Fatal	Non-fatal injury	Property damage only	Total
Killed—	19	510	126	655
Male	14	381	102	507
Female	5	129	24	153
Not stated	1	1	1	3
Injured—	67	697	2065	2829
Male	51	510	1515	2136
Female	16	187	550	853
Not stated	1	1	1	3
Total	214	4381	18736	23331

By Age Groups and Sex:

Age Group	Fatal	Non-fatal injury	Property damage only	Total
Killed—	19	510	126	655
Male	14	381	102	507
Female	5	129	24	153
Not stated	1	1	1	3
Injured—	67	697	2065	2829
Male	51	510	1515	2136
Female	16	187	550	853
Not stated	1	1	1	3
Total	214	4381	18736	23331

By Age Groups and Sex:

Age Group	Fatal	Non-fatal injury	Property damage only	Total
Killed—	19	510	126	655
Male	14	381	102	507
Female	5	129	24	153
Not stated	1	1	1	3
Injured—	67	697	2065	2829
Male	51	510	1515	2136
Female	16	187	550	853
Not stated	1	1	1	3
Total	214	4381	18736	23331

By Age Groups and Sex:

Age Group	Fatal	Non-fatal injury	Property damage only	Total
Killed—	19	510	126	655
Male	14	381	102	507
Female	5	129	24	153
Not stated	1	1	1	3
Injured—	67	697	2065	2829
Male	51	510	1515	2136
Female	16	187	550	853
Not stated	1	1	1	3
Total	214	4381	18736	23331

By Age Groups and Sex:

Age Group	Fatal	Non-fatal injury	Property damage only	Total
Killed—	19	510	126	655
Male	14	381	102	507
Female	5	129	24	153
Not stated	1	1	1	3
Injured—	67	697	2065	2829
Male	51	510	1515	2136
Female	16	187	550	853
Not stated	1	1	1	3
Total	214	4381	18736	23331

By Age Groups and Sex:

Age Group	Fatal	Non-fatal injury	Property damage only	Total
Killed—	19	510	126	655
Male	14	381	102	507
Female	5	129	24	153
Not stated	1	1	1	3
Injured—	67	697	2065	2829
Male	51	510	1515	2136
Female	16	187	550	853
Not stated	1	1	1	3
Total	214	4381	18736	23331

By Age Groups and Sex:

Age Group	Fatal	Non-fatal injury	Property damage only	Total
Killed—	19	510	126	655
Male	14	381	102	507
Female	5	129	24	153
Not stated	1	1	1	3
Injured—	67	697	2065	2829
Male	51	510	1515	2136
Female	16	187	550	853
Not stated	1	1	1	3
Total	214	4381	18736	23331

By Age Groups and Sex:

Age Group	Fatal	Non-fatal injury	Property damage only	Total
Killed—	19	510	126	655
Male	14	381	102	507
Female	5	129	24	158

